



Services API Guide

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Overview

This document explains how to access and use the Inteliquent Services API to integrate your applications with Inteliquent's for automated processing of telephone number, port-in, and order management operations.

Only RESTful protocol is supported (the Services API accepts information in JSON format). Use the following URLs to make API calls:

- Production: <https://services.inteliquent.com/Services/1.0.0>
- Sandbox: <https://services-sandbox.inteliquent.com/Services/1.0.0> (please use this environment for initial integration testing)

Accounts and Access

Request an account from Inteliquent (portal.support@inteliquent.com) for the production and sandbox API environments. After an account has been created and API access is enabled for your company, you can retrieve your company's key and secret from the Admin section of the customer portal for the appropriate environment.

Access the portal using the following URLs:

- Production: <https://portal.inteliquent.com>
- Sandbox: <https://portal-sandbox.inteliquent.com>

Security

The Inteliquent Services API accepts HTTPS connections using TLS version 1.2.

Authentication

Two forms of authentication are supported by Services API: OAuth2 Authentication and Authorization and Basic Authentication

OAuth2.0

OAuth 2.0 is the authentication and authorization mechanism for the Inteliquent Services API. Your application must pass the correct token in the HTTP header to make API calls to Inteliquent.

Your application can request a token from the Inteliquent Token Generator with your consumer key and secret, as shown below. Tokens expire after one hour.

Token Generation Endpoints:

- Production: <https://services-token.inteliquent.com/oauth2/token>
- Sandbox: <https://services-token-sandbox.inteliquent.com/oauth2/token> (please use this environment for initial integration testing)

Example Request (using curl):

```
curl -X POST -H "Content-Type:application/x-www-form-urlencoded" -H "charset:UTF-8"  
https://services-token.inteliquent.com/oauth2/token --insecure --data  
"client_id=YOURCONSUMERKEY&client_secret=YOURCONSUMERSECRET&grant_type=client_credentials"
```

Example Response:

```
{"scope":"am_application_scope  
default","token_type":"bearer","expires_in":9223372036854775807,"access_token":"a12b34567c8901  
2def34g56789hi0j12"}
```

You must then provide the token retrieved as part of the HTTP Header each time you make an API call.

```
Authorization: Bearer <OAuth2.0Token>
```

When your application calls the Inteliquent Services API, the API first validates that the OAuth2.0 token is valid. If so, the service call will be executed. If not, the following error message will be returned:

```
{  
  "message": "Invalid authentication information provided",  
  "status": "Invalid credentials",  
  "statusCode": "401001",  
  "timestamp": "2019-12-10T14:07:32.310-0600"  
}
```

Basic Authentication

You can use your API Key and Secret to set the Basic Authorization header.

```
Authorization: Basic <Base64 encoded(Key:Secret)>
```

When your application calls the Inteliquent Services API, the API first validates that the Basic Auth is valid. If so, the service call will be executed. If not, the following error message will be returned:

```
{  
  "message": "Invalid authentication information provided",  
  "status": "Invalid credentials",  
  "statusCode": "401001",  
  "timestamp": "2019-12-10T14:07:32.310-0600"  
}
```

Client Key Management

Only RESTful protocol is supported (the Services API accepts information in JSON format). Use the following URLs to make API calls:

- Production: <https://services.inteliquent.com/ClientMgmt/1.0.0/>
- Sandbox: <https://services-sandbox.inteliquent.com/ClientMgmt/1.0.0/> (please use this environment for initial integration testing)

The following API calls allow you to manage your API access keys with Inteliquent for all:

- [POST /registerClient](#)
- [POST /resetClient](#)
- [POST /updateClient](#)
- [POST /deleteClient](#)
- [POST /getClientList](#)

Register a Client

POST /registerClient

In order to create a new client key and secret, a call to the /registerClient has to be made. This operation will create a key/secret pair that can then be used to make subsequent calls to various Inteliquent Service APIs.

Please Note: The first key for the company would be setup using the Customer Portal. Once the first key is set up, it can then be used to create additional keys.

Request:

Parameter	Description	Required
primaryPrivateKey	Existing primary key for the customer.	Yes
keyName	An optional name to identify the key being generated.	No
isPrimary	Indicates whether the key being created is a primary or not. If this is the first key for the Customer, then it will automatically be considered and setup as a primary key.	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful 410 - Invalid Request Primary private key is required 400 - Requested key is not found	String
companyDetails	Encompassing object that holds the key/secret	Object
privateKey	Key that just got generated.	String

apiSecret	Secret that just got generated	String
keyName	Key Name if sent in as part of the request	String
isPrimary	Indicates if the key is primary or not	Boolean
createdDate	Date the key was created	ISO Format - 2019-12-16T07:43:03.811Z
updatedAt	Date the key was last updated	ISO Format – example: 2019-12-16T07:43:03.811Z

Example Request 1:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xk14wnZrx23ha74m",
  "keyName": "key334",
  "isPrimary": false
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "om1we3TIcf5ia84JbDrRaNp0zZ23",
    "apiSecret": "zZLA0HXq5CSr8QsWPhQ260DFmD2",
    "keyName": "key334",
    "isPrimary": false
  }
}
```

Example Request 2 – Not using a primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "keyName": "key334",
  "isPrimary": true
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

Example Request 3 – Invalid Primary Key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "om1we3TIcf5ia84JbDrRaNp0zZ23",
  "keyName": "key334"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

Reset a Client

POST /resetClient

There are times when the key/secret combination needs to be reset. Calling this endpoint will reset the secret for the given key.

Request:

Parameter	Description	Required
primaryPrivateKey	Existing primary key for the customer.	Yes
privateKey	Key that needs to be reset.	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful 410 - Invalid Request Primary private key is required 400 - Requested key is not found	String
companyDetails	Encompassing object that holds the key/secret	Object
privateKey	Key that just got updated.	String
apiSecret	New secret of the key that just got updated	String
keyName	Key Name	String
isPrimary	Indicates if the key is primary or not	Boolean
createdDate	Date the key was created	ISO Format - 2019-12-16T07:43:03.811Z

updatedAt	Date the key was last updated	ISO Format – example: 2019-12- 16T07:43:03.811Z
-----------	-------------------------------	---

Example Request 1:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "BWaiU6abdj846gfd7h3sgfd345j",
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m",
    "apiSecret": "zZZLA0HXq5CSr8QsWPhQ260DFmD2",
    "keyName": "key334",
    "isPrimary": false
  }
}
```

Example Request 2 – Missing keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Required fields not sent",
  "statusCode": "410"
}
```

Example Request 3 – Missing primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```


Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

Example Request 4 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

Example Request 5 – Wrong primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

Example Request 6 – Wrong keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/resetClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid private keys sent",
  "statusCode": "409"
}
```

Update Client Key Information

POST /updateClient

In order to make the current key the new “Primary” or change of keyName, this end point will do exactly that. Calling this endpoint will change the isPrimary flag or the key name for a given key.

Please Note: this call can also make a given key primary. There are various checks that are enforced.

1. You cannot update a primary key to make its isPrimary=false.
2. You can update a non-primary key to become a primary key. The existing primary is also updated to not be primary.

Request:

Parameter	Description	Required
primaryPrivateKey	Primary key for the customer.	Yes
privateKey	Existing key for the customer that needs to be updated.	Yes
keyName	An optional name to be updated.	No
isPrimary	Indicates whether the key being created is a primary or not. If this is the first key for the Customer, then it will automatically be considered and setup as a primary key.	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	410 - Invalid Request Primary private key is required	String
	400 - Requested key is not found	String
companyDetails	Encompassing object that holds the key/secret	Object
privateKey	Key that just got updated.	String
apiSecret	Secret of the key that just got updated	String
keyName	Key Name	String

isPrimary	Indicates if the key is primary or not	Boolean
createdDate	Date the key was created	ISO Format - 2019-12-16T07:43:03.811Z
updatedAt	Date the key was last updated	ISO Format – example: 2019-12-16T07:43:03.811Z

Example Request 1 Update a non-primary key's name:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "BWaiU6abdj846gfd7h3sgfd345j",
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "keyName": "Key New Names",
  "isPrimary": false
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
    "keyName": "Key New Names",
    "isPrimary": false,
    "createdDate": "2019-12-16T17:00:12.352Z",
    "updatedAt": "2019-12-16T17:59:41.562Z"
  }
}
```

Example Request 2: Update a primary key's name:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "keyName": "Key New Names",
  "isPrimary": true
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
    "keyName": "Key New Names",
    "isPrimary": true,
  }
}
```

```
    "createdDate": "2019-12-16T17:00:12.352Z",
    "updatedAt": "2019-12-16T17:59:41.562Z"
  }
}
```

Example Request 3: Update a primary key to make it non-primary:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "keyName": "Key New Names",
  "isPrimary": false
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Make another key as primary first",
  "statusCode": "410"
}
```

Example Request 4: Missing fields:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "keyName": "Key New Names",
  "isPrimary": false
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Required fields not sent",
  "statusCode": "409"
}
```

Example Request 5 – Missing primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "E3A7RgBwaiU6xkl4wnZrx23ha74"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

```
}
```

Example Request 6 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

Example Request 7 – Wrong primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

Example Request 8 – Wrong keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid private keys sent",
  "statusCode": "409"
}
```

Delete Client Key

POST /deleteClient

If a given key needs to be deleted, this call should be invoked.

Please Note: There are various checks that are enforced.

1. You cannot delete a primary key. To delete a key that is primary, first execute updateClient to make another key to become primary and then execute /deleteClient.

Request:

Parameter	Description	Required
primaryPrivateKey	Primary key needs to be passed into this call to ensure only authorized applications are making the call.	Yes
privateKey	Key that needs to be deleted.	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 – Successful	String
	410 - Invalid Request Primary private key is required	String
	400 - Requested key is not found	String

Example Request 1: Delete a non-primary key's name:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "privateKey": "d7qcQCZiwciTTwSAdnixMuHILW5u"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Example Request 2: Delete Primary Key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Can not delete primary key. Make another key as primary.",
  "statusCode": "410"
}
```

Example Request 3 – Missing keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Required fields not sent",
  "statusCode": "410"
}
```

Example Request 4 – Missing primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Primary private key is required",
  "statusCode": "410"
}
```

Example Request 5 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

Example Request 6 – Wrong primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QswPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Primary private key",
  "statusCode": "409"
}
```

Example Request 7 – Wrong keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/deleteClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74",
  "privateKey": "0HXq5CSr8QswPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid private keys sent",
  "statusCode": "409"
}
```

Get Client Key List

POST /getClientList

To retrieve the full list of all client keys, execute a /getClientList call.

Request:

Parameter	Description	Required
privateKey	Key to retrieve the list of all keys associated with the company	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	410 - Invalid Request Primary private key is required	String
	400 - Requested key is not found	String
companyKeyDetails	Encompassing object that holds the key/secret	Object
clientKeys	Array of keys	Object
privateKey	Key that just got updated.	String
apiSecret	Secret of the key that just got updated	String
keyName	Key Name - Optional	String
isPrimary	Indicates if the key is primary or not	Boolean
createdDate	Date the key was created	ISO Format - 2019-12-16T07:43:03.811Z
updatedDate	Date the key was last updated	ISO Format – example: 2019-12-16T07:43:03.811Z

Example Request 1: Get list of keys:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/getClientList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyKeyDetails": {
    "companyName": "Neutral Tandem",
    "clientKeys": [
      {
        "privateKey": "MP1ik7o5VwfkQ1n68aC2hg81odr",
        "apiSecret": "dgpPYDss2qvJiIj2ZzKUE3wXRVT",
        "isPrimary": false,
        "createdDate": "2019-12-16T20:29:28.881Z",
        "updatedDate": "2019-12-16T20:29:28.881Z"
      }
    ]
  }
}
```

```
        "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
        "apiSecret": "Sm0Z711EM6VV4cht1a3E0GqHTE7s",
        "keyName": "Key New Names",
        "isPrimary": true,
        "createdDate": "2019-12-16T17:00:12.352Z",
        "updatedDate": "2019-12-16T19:46:40.569Z"
      }
    ]
  }
}
```

Example Request 2 – Missing private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/getClientList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Private key is required",
  "statusCode": "410"
}
```

Example Request 3 – Invalid private key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/getClientList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{ "privateKey": "0HXq5CSr8QsWPhQ26068gf93gd3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Private key",
  "statusCode": "409"
}
```

Voice Services Operations

Inteliquent offers an extensive suite of API operations to allow you to manage voice services, including order and port telephone numbers, view and manage existing orders, submit trouble tickets, and retrieve related reports.

Telephone Number

The following API calls allow you to search, order, and manage telephone numbers in Inteliquent inventory:

- [POST /tnInventory](#)
- [POST /tnReserve](#)
- [POST /tnRelease](#)
- [POST /tnReleaseList](#)
- [POST /tnInventoryCoverage](#)
- [POST /tnOrder](#)
- [POST /tnAssignedList](#)
- [POST /tnDetail](#)
- [POST /tnUpdate](#)
- [POST /tnFeatureOrder](#)
- [POST/voiceScript](#)
- [POST/voiceScriptDetail](#)
- [POST /portOutPinUpdate](#)
- [POST /tnNoteUpdate](#)
- [POST /tnDisconnect](#)
- [POST /tnPendingDisconnectList](#)
- [POST /tnRestore](#)
- [POST /tnForward](#)
- [POST /tfForward](#)
- [POST /tnForwardList](#)
- [POST /tfForwardList](#)
- [POST /tnE911](#)
- [POST /tnE911Validate](#)
- [POST /tnE911Notification](#)
- [POST /tnE911NotificationList](#)
- [POST /customerE911Notification](#)
- [POST /customerE91NotificationList](#)
- [POST /stateList](#)
- [POST /countyList](#)
- [POST /fccList](#)
- [POST /e911AuthNameList](#)
- [POST /psapNameList](#)
- [POST /psapContactList](#)
- [POST /tnMessaging](#)
- [POST /tnRequest](#)
- [POST /tnMove](#)
- [POST /tnDno](#)
- [POST /tnAltSpid](#)

Search Telephone Number Inventory

POST /tnInventory

This operation allows you to search for telephone numbers in Inteliquent inventory. Now we can perform search in multiple ways like rate center, city/zip and postal code search along with radius or sequential or local area option.

We can perform search as mentioned below

- Addition of the “City/State” and “City/State with Radius” searches
- Addition of the “Postal Code” and “Postal Code with Radius” searches
- Addition of the local option within a subset of the searches like “Rate Center” or “City/State” or “Postal Code”
- Addition of an option to toggle between Wireless or Wireline search

Telephone Number Search Rules

- tnMask or tnWildcard are required (even if searching for all TNS). tnMask takes priority if both are specified.
- Rate center, city, and postal code are mutually exclusive.
- If city is specified, the state must be specified.
- Radius is only valid if city and province or zip are specified.
- Radius, local, and sequential are mutually exclusive.
- In case of local, NPANXX takes priority if city or province or rateCenter specified.
- If local is specified, one of the following must be true:
 - tnMask or tnWildcard specify the NPANXX (first six digits)
 - rateCenter is specified
 - city and province are specified (without a radius)
 - postal Code is specified (without a radius)
- If wireless is specified, the customer must be configured to allow ordering wireless TNS.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnMask	Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	Yes*
tnWildcard	Telephone number. Accepts 0-9, Aa-Zz, *, or ? (e.g. “*Hello*” or “312?Hi*7”)	Yes*
lata	Three-digit local access and transport area code	No
rateCenter	Rate center abbreviation (e.g. WSHNGTNZN1)	No
rateCenterTier	Rate center tier (acceptable values are 0, 1, 2, AK, HI, CAN, PRI, WS-A, WS-B, WS-C)	No
province	Two-letter state or province abbreviation (e.g. IL, CA)	No
city	Name of the City to search for numbers	No
postalCode	Postal Code to search for numbers	No
radius	Radius to search for numbers within specified limit	No

	Maximum acceptable value: 50 (miles)	
quantity	Maximum number of results to return; partial quantity may be returned based on inventory	No
sequential	Enter true to return sequential numbers (up to 99)	No
wireless	Enter Y or N to retrieve wireless or wireline numbers.	No
localCallingArea	Enter true to retrieve local calling area numbers.	No
searchOnNetOnly	Enter Y or N to include or exclude offnet numbers from search results; N be overridden if customer-level setting is Y in accountDefaultDetail response	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state, rateCenterTier	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response. <i>Please note: It is only effective for size = 10000. If you intend to download our inventory, we would need you to paginate through the results in groups of 10,000 using searchID.</i>	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	408 - privateKey can not blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:	String
	414 – Missing parameter	String
	408 - Province must be two character long.	String
	408 - Province can not be numeric.	String
	408 - LATA length must be in 3 digits.	String

408 - Postal Code must be in 5 digits.	String
408 - Postal Code must be numeric.	String
408 -Postal Code must be 5 digits numeric or 7 digit alpha numeric with a space in between (xxx xxx)	String
408 - orderId can not be blank.	String
408 - rcAbbre can not be greater than ten character long.	
417 - Quantity must be less than 10000	

Search ID Example:

Step 1 - Issue tnInventory query without any ID

```
{"privateKey":"XXXXXX","tnMask":"xxxxxxxxx","pageSort":{"direction":"asc","size":10000}}
```

Step 2 – Retrieve the first result back with the search ID returned.

capture the searchId and TN list

```
{"tnResult":[],"totalPages":38,"totalItems":372923,"searchId":"ABCD"}}
```

Step 3 - Add the search ID captured in the response to the pagesort object on subsequent tnInventory calls until no results are returned.

```
{"privateKey":"XXXXXX","tnMask":"xxxxxxxxx","pageSort":{"direction":"asc","size":10000,"searchId":"ABCD"}}
```

If you search without sending any NPA/Area Code and just use all XXX as the tnMask it will enable you to pull back the entire inventory use the same search ID. If the searches change, you do have to pull the search ID for that call.

P.S. *Either tnMask or tnWildcard is required.

Example Request1:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMask": "xxxxxx410x",
  "searchOnNetOnly": "N",
  "lata": "486",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 2,
    "searchId":
      "DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJROGcz
      bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGh1bkZldGN0BQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
      d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "searchOnNetOnly": "N",
  "lata": "486",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 2,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJJSNjJROGcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNobQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXCcAAAAAAAw7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 10000,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJJSNjJROGcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNobQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXCcAAAAAAAw7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

Example Request4:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "wireless": "Y",
  "quantity": 10
}
```

Example Request5 (City/State):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
```

```
"tnWildcard": "201335YZ*",
"city": "Naperville", "province": "IL",
"wireless": "Y",
"quantity": 10
}
```

Example Request6 (City/State with Radius):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "city": "Naperville", "province": "IL", "radius": 10
  "wireless": "Y",
  "quantity": 10
}
```

Example Request7 (Postal Code search):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "province": "IL", "postalCode": "60564",
  "wireless": "Y",
  "quantity": 10
}
```

Example Request8 (Postal Code with Radius):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "province": "IL", "postalCode": "60564", "radius": 10
  "wireless": "Y",
  "quantity": 10
}
```

Example Request9 (NPANXX with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMask": "201335xxxx",
  "province": "IL",
  "localCallingArea": true,
  "quantity": 10
}
```


Example Request10 (Rate Center with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "rateCenter": "ORADELL",
  "localCallingArea": true,
  "quantity":10
}
```

Example Request11 (City/State with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "city":"Naperville", "province":"IL",
  "localCallingArea": true,
  "quantity":10
}
```

Example Request12 (Postal Code with Local Calling):

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "postalCode": "60564",
  "localCallingArea": true,
  "quantity":10
}
```

The existing tnMask parameter has not been changed, and a new tnWildcard parameter has been added. If both are provided, tnMask will take priority.

Parameter	Description
tnMask	Must be exactly 10 characters. Accepts 0-9, x, X, or space x, X, or space are interpreted as any single digit Example: "312xxx1x2x"
tnWildcard	Accepts 0-9, Aa-Zz, *, or ? Examples: "*Hello*" or "312?Hi*7"

tnWildcard interpretations are listed below:

Character	Interpretation
0 - 9	No translation
Aa - Cc	Translated to 2
Dd - Ff	Translated to 3
Gg - Ii	Translated to 4
Jj - Ll	Translated to 5

Mm - Oo	Translated to 6
Pp - Ss	Translated to 7
Tt - Vv	Translated to 8
Ww - Zz	Translated to 9
*	Any character sequence
?	Any single character

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnResult": [
    {
      "telephoneNumber": "3184074100",
      "rateCenter": "COLFAX",
      "rateCenterName": "COLFAX",
      "city": "COLFAX",
      "lata": "486",
      "province": "LA",
      "rateCenterTier": "Tier 0",
      "cnamAllowed": "Y",
      "dlAllowed": "Y",
      "e911Allowed": "Y",
      "msgAllowed": "Y",
      "countryCode": "1",
      "portOutPinSupported": "Y",
      "portOutNotificationSupported": "Y",
      "smsOverrideAllowed": "Y",
      "mmsAllowed": "Y",
      "mmsOverrideAllowed": "Y"
    },
    {
      "telephoneNumber": "3184074109",
      "rateCenter": "COLFAX",
      "city": "COLFAX",
      "lata": "486",
      "province": "LA",
      "rateCenterTier": "Tier 0",
      "cnamAllowed": "Y",
      "dlAllowed": "Y",
      "e911Allowed": "Y",
      "msgAllowed": "Y",
      "countryCode": "1",
      "portOutPinSupported": "Y",
      "portOutNotificationSupported": "Y",
      "smsOverrideAllowed": "Y",
      "mmsAllowed": "Y",
      "mmsOverrideAllowed": "Y"
    }
  ],
  "page": "1",
  "totalPages": "117",
  "totalItems": "233",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0wVjNESnZxZ1JSNjJR0Gcz

```

```
bUZZcG1xUQAAAAAAArgsF1YzREp2cWZSUjYyUGh1bkZ1dGNbQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
d2o5SXcAAAAAAAW7HhZBQXZ1a0ZTbFNSNnY3cU1"
}
```

Reserve Telephone Numbers

POST /tnReserve

This operation allows you to reserve TNs prior to ordering them. TNs (up to a maximum) will be reserved for up to four hours before they are released back into inventory. In order to release the reserved TNs you will need to call the tnRelease API call.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnReserve	Contains TN information	Yes
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	408 - privateKey can not blank.	String
	420 - Invalid TN List (TN List is null/empty)	String
	409 - Invalid Input Parameters:	String
	410 - DB Error:	String
	411 - Unknown Error	String
	430 - No Result Found	String
	431 - Request exceeds the maximum number of reserved TNs	String
	431 - Unable to complete the request at the moment, please try again.	String

Example Request1 - Success

```
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
```

```
{
  "tn": "2015540010"
},
{
  "tn": "2015540011"
},
{
  "tn": "2015540012"
},
{
  "tn": "2015540013"
},
{
  "tn": "2015540300"
}
]
}
}
```

Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 5
  }
}
```

Example Request 2- Limit Exceeded

```
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2015540010"
        },
        {
          "tn": "2015540011"
        },
        {
          "tn": "2015540012"
        },
        {
          "tn": "2015540013"
        },
        {
          "tn": "2015540300"
        }
      ]
    }
  }
}
```

Example Response:

```
{
  "status": "Request exceeds the maximum number of reserved TNs",
  "statusCode": "431"
}
```

Example Request 3- Partial Success

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2015540010"
        },
        {
          "tn": "2015540011"
        },
        {
          "tn": "2015540012"
        },
        {
          "tn": "2015540013"
        },
        {
          "tn": "2015540300"
        }
      ]
    }
  }
}
```

Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 3,
    "excludedTnList": [
      {
        "tn": "2015540013"
      },
      {
        "tn": "2015540300"
      }
    ]
  }
}
```

Release Telephone Numbers from Reserved Status

POST /tnRelease

This operation allows you to release reserved TNs back into inventory.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnRelease	Contains TN information	Yes
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	408 - privateKey can not blank.	String
	409 - Invalid TN submitted:(Tn List)	String
	201 - Unable to release tns	String
	431 - Unable to complete the request at the moment, please try again.	String

Example Request 1 – Success

```
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnRelease": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2015540010"
        },
        {
          "tn": "2015540011"
        },
        {
          "tn": "2015540012"
        },
        {
          "tn": "2015540013"
        },
        {
          "tn": "2015540300"
        }
      ]
    }
  }
}
```

Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "tnReleaseResponse": {
    "totalTnCount": 5,
    "releasedTnCount": 5
  }
}
```

Example 2 – Excluded TNs

```
{
  "privateKey": "kI0T5YmicfgD91lahFWZnTC4iBBAA",
  "tnRelease": {
    "tnList": {
      "tnItem": [
        {
          "tn": "1234567890"
        }
      ]
    }
  }
}
```

Example Response 2

```

{
  "status": "Success",
  "statusCode": "200",
  "tnReleaseResponse": {
    "totalTnCount": 1,
    "releasedTnCount": 0,
    "excludedTnList": [
      {
        "tn": "1234567890"
      }
    ]
  }
}

```

Retrieve list of Reserved Telephone Numbers

POST /tnReservedList

This operation allows you to obtain a list of all your reserved telephone numbers.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	408 - privateKey can not blank.	String
	430 - No Result Found	String
	431 - Unable to complete the request at the moment, please try again.	

Example Request 1 - Success

```

{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
}

```

Example Response:

```

{
  "status": "Success",
  "statusCode": "200",
  "reservedTns": [
    {
      "telephoneNumber": "2012673721",
      "rateCenter": "ORADELL",
      "rateCenterName": "ORADELL",
      "lata": "224",
      "province": "NJ",
    }
  ]
}

```



```
    "city": "ORADELL",
    "isWireless": "N",
    "rateCenterTier": "0",
    "cnamAllowed": "Y",
    "dlAllowed": "Y",
    "e911Allowed": "Y",
    "msgAllowed": "Y",
    "countryCode": "1",
    "allowPortOutPin": "Y",
    "portoutNotification": "Y"
  },
  {
    "telephoneNumber": "2012673739",
    "rateCenter": "ORADELL",
    "rateCenterName": "ORADELL",
    "lata": "224",
    "province": "NJ",
    "city": "ORADELL",
    "isWireless": "N",
    "rateCenterTier": "0",
    "cnamAllowed": "Y",
    "dlAllowed": "Y",
    "e911Allowed": "Y",
    "msgAllowed": "Y",
    "countryCode": "1",
    "allowPortOutPin": "Y",
    "portoutNotification": "Y"
  },
  {
    "telephoneNumber": "2013351239",
    "rateCenter": "CRAGMERE",
    "rateCenterName": "CRAGMERE",
    "lata": "224",
    "province": "NJ",
    "city": "CRAGMERE",
    "isWireless": "N",
    "rateCenterTier": "0",
    "cnamAllowed": "Y",
    "dlAllowed": "Y",
    "e911Allowed": "Y",
    "msgAllowed": "Y",
    "countryCode": "1",
    "allowPortOutPin": "Y",
    "portoutNotification": "Y"
  }
]
```

Example Request 2 – No Results Found

```
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
}
```

Example Response 2

```
{
  "status": "No Result Found",
  "statusCode": "430"
}
```

Retrieve Telephone Number Inventory Coverage

POST /tnInventoryCoverage

This operation allows you to retrieve quantities of available telephone numbers in Inteliquent inventory.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
countBy	Attribute by which quantities will be aggregated; acceptable values are state, rateCenter, npaNxx, and block (seventh digit of telephone number)	No*
rateCenter	Search by specified rate center	No
wireless	Include or exclude wireless/wireline numbers; Accepted values are Y or N	No
province	Two-letter state or province abbreviation (e.g. IL, CA	No

*If countBy is not sent, results will be returned by NPA-NXX

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:	String
	408 - Invalid File Name.	String
	409 - Invalid Input Parameters:	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	414 –	String
	431 - Unable to complete the request at the moment, please try again.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventoryCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnInventoryCoverageList": [
    {
      "npa": "201",
      "nxx": "389",
      "lata": "224",
      "rcAbbre": "RIDGEWOOD",
      "locState": "NJ",
      "count": 973
    },
    {
      "npa": "202",
      "nxx": "335",
      "lata": "236",
      "rcAbbre": "WSHNGTNZN1",
      "locState": "DC",
      "count": 9972
    },
    {
      "npa": "202",
      "nxx": "609",
      "lata": "236",
      "rcAbbre": "WSHNGTNZN1",
      "locState": "DC",
      "count": 25
    }
  ]
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventoryCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "rateCenter": "SAN PEDRO"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnInventoryCoverageList": [
    {
      "npa": "201",
      "nxx": "389",
      "lata": "224",
      "rcAbbre": " SAN PEDRO ",
      "locState": "NJ",
      "count": 973
    },
    {
      "npa": "202",
```

```

    "nxx": "335",
    "lata": "236",
    "rcAbbre": " SAN PEDRO ",
    "locState": "DC",
    "count": 9972
  },
  {
    "npa": "202",
    "nxx": "609",
    "lata": "236",
    "rcAbbre": " SAN PEDRO ",
    "locState": "DC",
    "count": 25
  }
]
}

```

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/tnInventoryCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "rateCenter": "SAN PEDRO",
  "wireless": "Y"
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Wireless not allowed for Customer",
  "statusCode": "414"
}

```

Order New Telephone Number

POST /tnOrder

This operation allows you to order telephone numbers from Inteliquent inventory. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response. Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

Enter the following values in the body of the request:

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnOrder	Contains order information	Yes
customerOrder Reference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g.	Yes

	8156680000)	
trunkGroup	Desired trunk group to assign the requested telephone number (e.g. CHCGIL24CL1_897)	No
routingOption	Desired routingOption to assign the requested telephone number (e.g. CHCGIL24CL1_897)	No
portOutPin	PIN for onnet port-out protection (Tier 0 & HI)	No
tnNote	Optional note value to be stored on the number	No
altSpid	Alternate SPID for the Number	No
endUser	End user information for the telephone number	No*
name	End user name	No
streetNum	End user address street number (e.g. 100, 550)	No
streetPreDir	End user address street direction prefix (e.g. N)	No
streetName	End user address street name	No
streetType	End user address street type (e.g. St, Ave)	No
streetPostDir	End user address street direction ending (e.g. SW)	No
locationType1	End user address location type 1 (e.g. Bld, Apt)	No
locationValue1	End user address location value 1 (e.g. 1, 2B)	No
locationType2	End user address location type 2 (e.g. Flr, Ste)	No
locationValue2	End user address location value 2 (e.g. 1, 900)	No
locationType3	End user address location type 3 (e.g. Flr, Ste)	No
locationValue3	End user address location value 3 (e.g. 1, 900)	No
city	End user address city	No
state	End user address state	No
postalCode	End user address zip code	No
typeOfService	Acceptable values are B, Business, R and Residence	No*

* Type of service is automatically set to B if not sent and callingName or directoryListing are present

tnFeature	Contains features associated to the telephone number	No
callerId	Caller ID name (CNAM) for the telephone number	No
callingName	Caller display name for outbound / LIDB storage; must be 15 characters or fewer and should have at least 1 alpha character	No
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No**
directoryListing	Directory listing information for the telephone number	No
lastName	Directory listing last name (if typeOfService is R) or business name (if typeOfService is B)	No
firstName	Directory listing first name (if typeOfService is R) or additional business name detail (if typeOfService is B)	No

streetNum	Directory listing address street number (e.g. 100, 550)	No
streetPreDir	Directory listing address street direction prefix (e.g. N)	No
streetName	Directory listing address street name	No
streetType	Directory listing address street type (e.g. St, Ave)	No
streetPostDir	Directory listing address direction ending (e.g. SW)	No
location	Directory listing address location (e.g. Ste 900)	No
city	Directory listing address city	No
state	Directory listing address state	No
postalCode	Directory listing address zip code	No
e911	E911 information for the telephone number	No
name	E911 first and last name	No***
origStreetNum	E911 address street number (e.g. 100, 550)	No***
origStreetInfo	E911 address street information (e.g. W Adams St)	No***
origLocation	E911 address location (e.g. Suite 900)	No
origCity	E911 address city	No***
origState	E911 address state	No***
origPostalCode	E911 address zip code	No***
origPostalCodePlusFour	E911 address zip code plus four	No
messaging	Text messaging services for the telephone number	No
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	No****
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No****
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:	String
	418 - Character limit is exceeded	String
	for:CustomerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String
	409 - Invalid TN submitted:(Tn List)	String
	422 - Order quantity limit is 100,000 numbers.	String
426 - Account not 911-enabled, remove e911 from		

request.	String
430 - No Result Found	String
414 –	String
419 - Error Occurred:	
410 - DB Error:	String
431 - Unable to complete the request at the moment, please try again.	String
425 – Partial Success	String

**Will be set to value stored in [accountDefaultDetail](#) if not sent

***Required if tnFeature contains e911

****Required if tnFeature contains messaging

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
```

```
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab",
  "tnOrder": {
    "tnList": {
      "tnItem": [
        {
          "tn": 6123453622,
          "routingOption": "CHCGIL24CL2_897",
          "altSpid": "123456789",
          "endUser": {
            "name": "Hope Trope",
            "typeOfService": "R"
          },
          "tnFeature": {
            "callerId": {
              "cnamDip": "Y"
            },
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMS"
            }
          }
        },
        {
          "tn": 6123453623,
          "routingOption": "CHCGIL24CL2_897",
          "altSpid": "123456789",
          "portOutPin": "Test 3623",
          "tnFeature": {
            "callerId": {
              "cnamDip": "N"
            }
          }
        },
        {
          "tn": 6123453624,
          "routingOption": "CHCGIL24CL2_897",
          "altSpid": "123456789",

```

```

    "portOutPin": "Test 3624"
  }
]
}
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "{2=[6123453624 TN is on an existing order]}",
  "statusCode": "200",
  "orderId": "null"
}

```

The response indicates that numbers 6123453622 and 6123453623 were synchronously activated to the account, but 6123453624 was excluded from activation for the provided reason.

An `orderId` will only be returned for `tnOrder` requests containing more than 100 telephone numbers, or containing `callingName`, `directoryListing`, `e911`, or `messaging`. Smaller requests without features will be completed synchronously with a null order number returned in the response.

Retrieve Assigned Telephone Number List

POST /tnAssignedList

This operation allows you to retrieve a full list of telephone numbers assigned to your company, including Pending, In Service, and Pending Disconnect numbers.

Parameter	Description	Required
<code>privateKey</code>	API key required to validate your application	Yes

Response:

Parameter	Description	Type
<code>status</code>	Indicates whether the API call was successful. Values: Success or Failure	String
<code>statusCode</code>	200 - Success	String
	414 - Fields Are Required:	String
	408 - <code>privateKey</code> can not blank.	String
	430 - No Result Found	String
	431 - Unable to complete the request at the moment, please try again.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnAssignedList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnBasicList": {
    "tnBasicItem": [
      {
        "tn": 2012512771,
        "tnStatus": "Pending"
      },
      {
        "tn": 2013322229,
        "tnStatus": "In Service"
      },
      {
        "tn": 2013425551,
        "tnStatus": "In Service"
      },
      {
        "tn": 2013435559,
        "tnStatus": "Pending Disconnect"
      }
    ]
  }
}
```

Retrieve Telephone Number Detail

POST /tnDetail

This operation allows you to retrieve details about the features enabled on a telephone number assigned to your company.

Parameter	Description	Required				
privateKey	API key required to validate your application	Yes				
tnSearchList	Contains one or more sets of search criteria	Yes				
tnSearchItem	Contains one or more sets of search criteria	Yes				
tnMask	Ten-digit telephone number (e.g. 3123804519)	Yes				
tnStatus	Telephone number status; acceptable values include:	No				
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INSVC</td> <td>In Service</td> </tr> </tbody> </table>	Value	Description	INSVC	In Service	
Value	Description					
INSVC	In Service					

	PNDNG PDISC	Pending Pending Disconnect	
trunkGroupName	Assigned trunk group name (e.g. CHCGIL24CL1_897)		No
routingOption	Assigned routing option name (e.g. NTCHI-2875-DID-950)		No
lata	Three-digit local access and transport area code (e.g. 358, 360, 362)		No
rateCenter	Rate center abbreviation (e.g. WSHNGTNZN1)		No
province	Two-letter state or province abbreviation (e.g. IL, CA)		No
rateCenterTier	Rate center tier; acceptable values are 0, 2, HI, AK, PRI, and CAN		No
portOutPin	Search for specific string contained in port-out PIN		No
tnNote	Search for specific string contained in telephone number note		No
cnamDip	Search for numbers with or without CNAM dip setting; acceptable values are Y and N		No
callingName	Search for specific string contained in telephone number calling name		No
containsCallingName	Search for numbers with or without a calling name set; acceptable values are Y and N		No
directoryListing	Search for specific string contained in any directory listing field		No
containsdirectoryListing	Search for numbers with or without directory listing information stored; acceptable values are Y and N		No
e911Contains	Search for specific string contained in any E911 field		No
e911	Search for numbers with or without E911 information stored; acceptable values are Y and N		No
messageClass	Search for specific message-enabled numbers; Acceptable values are P2P, A2PLC, and A2P8XX		No
messageType	Search for specific message-enabled numbers; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT		No
messaging	Search for numbers with or without messaging enabled; acceptable values are Y and N		No
activateStartDateRange	Start date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z		No
activateEndDateRange	End date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z		No
activateUser	Search for specific string in activation user name		No
dno	Search for tns that have DNO set to Y or N. Acceptable		No

	values are Y and N	
altSpid	Search for tns that have the specified altSpid	No
wireless	Search for wireless or wire line numbers; acceptable values are Y and N	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:	String
	431 - Unable to complete the request at the moment, please try again.	String
	409 - Invalid Input Parameters:	String
	408 - privateKey can not blank.	String
	430 - No Result Found	String
	417 - Size must be less than or equal to 10000	String
	414 - Large result set without searchId detected. Please contact support team for assistance.	String
	422 - Maximum number of TNs that can be searched is 1000	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
```

```

"privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
"tnSearchList":{
  "tnSearchItem": [ {
    "tnMask":"xxxxxxxxxx",
    "rateCenter": "BAYONNE",
    "activateStartDateRange": "2017-03-29T14:00:46.000Z",
    "activateEndDateRange": "2017-03-29T14:00:46.000Z",
    "dno": "Y",
    "altSpid": "0213654987"
  } ]
},
"pageSort": {
  "size": 1,
  "page": 1
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnList": {"tnItem": [ {
    "tn": 2012151499,
    "trunkGroup": "ATLNGAQS08T_266",
    "routingOption": "NTCHI-2875-DID-950",
    "customerRoutingOption": "API Rename Trunk 1663041555072",
    "endUser": {},
    "tnFeature": {
      "callerId": {"cnamDip": "N"},
      "directoryListing": {},
      "e911": {},
      "messaging": {}
    },
    "lata": "224",
    "rateCenter": "BAYONNE",
    "locName": "BAYONNE",
    "province": "NJ",
    "tnStatus": "In Service",
    "rateCenterTier": "Tier 0",
    "countryCode": "1",
    "tnSource": "NATIVE",
    "activateDate": "2017-03-29T14:00:46.000Z",
    "activateUser": "api_user",
    "wireless": "Y",
    "dno": "Y",
    "altSpid": "0213654987"
  } ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJROGcz
  bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
  d2o5SXcAAAAAAAw7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Update Active Telephone Number Trunk Group

POST /tnUpdate

This operation allows you to update the trunk group of active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

Value	Description	Required
privateKey	API key required to validate your application	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains active telephone number(s) to update assigned trunk group	Yes
tnItem	Contains active telephone number(s) to update assigned trunk group	Yes
tn	Ten-digit telephone number to change trunk group (e.g. 8156680000)	Yes
trunkGroup	New desired trunk group to assign to the telephone number (e.g. CHCGIL24CL1_897)	Yes*
routingOption	New desired routing option to assign to the telephone number (e.g. NTCHI-2875-DID-950)	Yes*

P.S. * denotes either trunk group or routing option is required. If both present in the request, routing option will be applied to tn.

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:	String
	431 - Unable to complete the request at the moment, please try again.	String
	409 - Invalid TN submitted:(Tn List)	String
	430 - No Result Found	String
	414 -	String
	409 - Invalid Input Parameters:	String
	408 - privateKey can not blank.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrder03",
  "tnList": {
    "tnItem": [
      {
        "tn": 3123489653,
        "routingOption": "NTCHI-2875-DID-950"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026471"
}
```

Add, Update, or Remove Active Telephone Number Feature

POST /tnFeatureOrder

This operation allows you to add, update, or remove features for all TNs. This includes support for TNs purchased directly from Inteliquent as well as TNs purchased from other providers. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response. Validation for larger orders is backgrounded as documented in [Order Validation](#).

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnFeatureOrder	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
endUser	End user information for the telephone number	No*
name	End user name	No
streetNum	End user address street number (e.g. 100, 550)	No
streetPreDir	End user address street direction prefix (e.g. N)	No
streetName	End user address street name	No

streetType	End user address street type (e.g. St, Ave)	No
streetPostDir	End user address street direction ending (e.g. SW)	No
locationType1	End user address location type 1 (e.g. Bld, Apt)	No
locationValue1	End user address location value 1 (e.g. 1, 2B)	No
locationType2	End user address location type 2 (e.g. Flr, Ste)	No
locationValue2	End user address location value 2 (e.g. 1, 900)	No
locationType3	End user address location type 3 (e.g. Flr, Ste)	No
locationValue3	End user address location value 3 (e.g. 1, 900)	No
city	End user address city	No
state	End user address state	No
postalCode	End user address zip code	No
typeOfService	Acceptable values are B, Business, R and Residence)	No*
tnFeature	Contains feature updates for the telephone number	Yes
callerId	Changes to caller ID (CNAM)	No
callingName	New or updated outbound caller ID storage name; 15 characters or fewer and should have at least 1 alpha character	No
removeTnFeature	Enter Y to remove active outbound caller ID storage (LIDB) from the telephone number	No
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No
directoryListing	Changes to directory listing information	No
lastName	DL last name (if typeOfService is R) or business (if B)	No
firstName	DL last name (if typeOfService is R) or business (if B)	No
streetNum	New or updated directory listing address street number (e.g. 100, 550)	No
streetPreDir	New or updated directory listing address street direction prefix (e.g. N)	No
streetName	New or updated directory listing address street name	No
streetType	New or updated directory listing address street type (e.g. St, Ave)	No
streetPostDir	New or updated directory listing address direction ending (e.g. SW)	No
location	New or updated directory listing address location (e.g. Ste 900)	No
city	New or updated directory listing address city	No
state	New or updated directory listing address state	No
postalCode	New or updated directory listing address zip code	No
removeTnFeature	Enter Y to remove directory listing from the number	No

e911	Changes to E911 information	No
name	New or updated E911 first and last name	No
origStreetNum	New or updated E911 address street number (e.g. 100, 550)	No
origStreetInfo	New or updated E911 address street information (e.g. W Adams St)	No
origLocation	New or updated E911 address location (e.g. Suite 900)	No
origCity	New or updated E911 address city	No
origState	New or updated E911 address state	No
origPostalCode	New or updated E911 address zip code	No
origPostalCode PlusFour	E911 address zip code plus four	No
removeTnFeature	Enter Y to remove E911 from the number	No
messaging	Changes to messaging services	No
messageClass	New or updated message type; acceptable values are P2P, A2PLC, and A2P8XX	No
messageType	New or updated message class; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No
removeTnFeature	Enter Y to remove active text messaging services	No

*Type of service is automatically set to B if not sent and callingName or directoryListing are present

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:	String
	431 - Unable to complete the request at the moment, please try again.	String
	418 - Character limit is exceeded for:	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,], [, !	String
	409 - Invalid TN submitted:(Tn List)	String
	422 - Order quantity limit is 100,000 numbers.	String
	430 - No Result Found	String
	432 - TN Excluded	
	410 - DB Error:	

P.S. For “name” & “location” parameters all printable ASCII characters are allowed.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
```

```
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnFeatureOrder": {
    "customerOrderReference": "TestOrder04",
    "tnList": {
      "tnItem": [
        {
          "tn": 3124795862,
          "endUser": {
            "name": "Harry Fuzz",
            "streetNum": "123",
            "streetName": "Michigan",
            "streetType": "Ave",
            "city": "Springfield",
            "state": "IL",
            "postalCode": "62704",
            "typeOfService": "R"
          },
          "tnFeature": {
            "callerId": {
              "callingName": "Harry Fuzz"
            },
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMS"
            }
          }
        },
        {
          "tn": 3124795863,
          "endUser": {
            "name": "Harry Fuzz",
            "streetNum": "123",
            "streetName": "Michigan",
            "streetType": "Ave",
            "city": "Springfield",
            "state": "IL",
            "postalCode": "62704"
          },
          "tnFeature": {
            "directoryListing": {
              "removeTnFeature": "Y"
            }
          }
        }
      ]
    }
  }
}
```

Voice Platform Script Configuration

The following API calls allow you to setup, update, remove and list Voice Platform Script settings. *Please note: This feature is available upon request. Please contact Client Services to activate this feature for your API.*

- [POST /voiceScript](#)
- [POST /voiceScriptDetail](#)

Manage Voice Script Settings

POST /voiceScript

This operation allows you to add, delete, enable or disable a voice script from a telephone number or a domain. *Please Note: This feature is available upon request. Please contact Client Services to activate this feature for your API.*

To remove the script from a TN or domain, please pass the removeScript element with a value of “Y” and the direction must be specified.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
voiceScript	List containing TN or domain information. If “removeScript” is not set (implying adding a script), only 1 domain or 1 TN must be included in the list. If “removeScript” is set to “Y”, then multiple TNs can be sent as part of the list.	Yes
tn	Ten-digit telephone number to which the script is to be registered (e.g. 8156680000). Either a TN or a domain must be specified.	No
domain	Domain to which the script is to be registered. Either a TN or a domain must be specified.	No
script	Script that will be associated with the given tn or domain. Script must be specified if “removeScript” element is not set, implying that while adding a script to the domain or TN, script is a required element.	No
enabled	Boolean – either true or false to enable or disable the script for the tn or domain. Default is true.	No
customerDefault	Boolean – either true or false to enable or disable the script as the customer default. Default is false.	No
direction	“inbound” or “outbound”. Default is inbound.	No
removeScript	If you want to remove the script associated with the given TNs, then pass this flag with a value of “Y”. If the script is being removed, then the direction must be specified.	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful or failure	String
statusCode	200: Success	String
	408: Private Key cannot be blank.	String
	409: Invalid TN submitted:	String
	410: Private Key is not valid.	String
	414: Fields are Required:	String
	415: Domain cannot be specified more than once	String
	416: Invalid Input Parameters:	String
	417: No voice scripts found for requested data.	String
	421: Too Many TNs specified in the request	String
	422: Script is too large. Max limit is 42,000 characters	String
	461: <Error as returned by Voice Platform>	String
	462: An Unknown error has occurred	String
	500: Internal Error	String
	430 - No Result Found	String
voiceScript	List containing TN or domain information.	List
tn	Ten-digit telephone number to which the script is to be registered (e.g. 8156680000). Either a TN or a domain as sent in the request.	String
domain	Domain to which the script is to be registered. Either a TN or a domain as sent in the request.	String
script	Script as sent in the request.	String
enabled	True or False to enable or disable a script	Boolean
createdDate	Date the script was created or last updated	ISO 8279 Date format
customerDefault	Boolean – either true or false to enable or disable the script as the customer default. Default is false.	No
direction	“inbound” or “outbound”. Default is inbound.	No

Example Request 1 – Add new script to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752699",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060' /><header name='X-InternalAuth' value='vp2' /><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd' /><timeout
seconds='10'><onComplete><stop-play target-
group='abd' /><hangup /></onComplete></timeout></onConnect></dial></body></script>"
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "tn": "3123752699",
        "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060' /><header name='X-InternalAuth' value='vp2' /><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd' /><timeout
seconds='10'><onComplete><stop-play target-
group='abd' /><hangup /></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

Example Request 2 – Add new script to a domain:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "domain": "abc.com",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060' /><header name='X-InternalAuth' value='vp2' /><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd' /><timeout
seconds='10'><onComplete><stop-play target-
group='abd' /><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "domain": "abc.com",
        "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060' /><header name='X-InternalAuth' value='vp2' /><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd' /><timeout
seconds='10'><onComplete><stop-play target-
group='abd' /><hangup/></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

Example Request 3 – Too many TNs addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752699",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060' /><header name='X-InternalAuth' value='vp2' /><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd' /><timeout
seconds='10'><onComplete><stop-play target-
group='abd' /><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    },
    {
      "tn": "3123752699",
      "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060' /><header name='X-InternalAuth' value='vp2' /><onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd' /><timeout
seconds='10'><onComplete><stop-play target-
group='abd' /><hangup/></onComplete></timeout></onConnect></dial></body></script>"
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Specified with more than 1 voice script elements
during an ADD operation",
  "statusCode": "416"
}
```

Example Request 4 – Delete Script from multiple TN:

```
POST https://services.inteliquent.com/Services/1.0.0/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752629",
      "direction": "inbound"
    },
    {
      "tn": "3123752699",
      "direction": "outbound"
    }
  ],
  "removeScript": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Example Request 5 – Enable a script:

```
POST https://services.inteliquent.com/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "domain": "asdj.asdf1.oiuu.zup",
      "enabled": true
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "domain": "asdj.asdf1.oiuu.zup",
        "createdDate": "2020-07-14T13:45:28.188379Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}
```

Example Request 6 – Disable a script:

```
POST https://services.inteliquent.com/voiceScript HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "domain": "asdj.asdf1.oiuu.zup",
      "enabled": false
    }
  ]
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "domain": "asdj.asdf1.oiuu.zup",
        "createdDate": "2020-07-14T13:45:28.188379Z",
        "enabled": false,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}

```

List Voice Script Settings

POST /voiceScriptDetail

This operation allows you to retrieve the current voice scripts associated with a given TN or domain.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
voiceScript	List containing TN or domain information: only 1 domain can be sent, but if TN then, multiple TNs can be sent as part of the list.	Yes
tn	Ten-digit telephone number to which the script is to be registered (e.g. 8156680000).	No
domain	Domain to which the script is to be registered.	No
scriptType	"NUMBER" or "DOMAIN". To do a blanket search for all "TN" or all domains search, this parameter must be specified	No
Direction	"inbound" or "outbound". If no direction is specified, then both directions are included in the search.	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200: Success 408: Private Key cannot be blank.	String String

	409: Invalid TN submitted:	String
	410: Private Key is not valid.	String
	414: Fields are Required:	String
	415: Domain cannot be specified more than once	String
	416: Invalid Input Parameters:	String
	417: No voice scripts found for requested data.	String
	421: Too Many TNs specified in the request	String
	422: Script is too large. Max limit is 42,000 characters	String
	461: <Error as returned from Voice Platform>	String
	462: An Unknown error has occurred	String
	500: Internal Error	String
	430 - No Result Found	String
status	Indicates whether the API call was successful or failure	String
voiceScript	List containing TN or domain information.	List
tn	Ten-digit telephone number to which the script is to be registered (e.g. 8156680000). Either a TN or a domain as sent in the request.	String
domain	Domain to which the script is to be registered. Either a TN or a domain as sent in the request.	String
script	Script as sent in the request.	String
enabled	True or False to enable or disable a script	Boolean
createdDate	Date the script was created or last updated	ISO 8279 Date format

Example Request 1 – Retrieve Script settings:

```

POST https://services.inteliquent.com/Services/1.0.0/voiceScriptDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "voiceScript": [
    {
      "tn": "3123752699"
    }
  ]
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "tn": "3123752699",
        "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'><header name='X-InternalAuth' value='vp2'></onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'><timeout
seconds='10'><onComplete><stop-play target-
group='abd'><hangup/></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}

```

Example Request 2 – Retrieve all TNs Script settings:

```

POST https://services.inteliquent.com/Services/1.0.0/voiceScriptDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "voiceScript": [
    {
      "scriptType": "NUMBER"
    }
  ]
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "voiceScriptResponse": {
    "voiceScript": [
      {
        "tn": "3123752699",
        "script": "<script><head/><body><dial caller='{CALLER}'
number='sip:172.31.42.248:5060' group='abc' alias='abcd'><header name='X-Dial'
value='sip:172.31.42.248:5060'><header name='X-InternalAuth' value='vp2'></onConnect><play
src='https://s3.us-east-2.amazonaws.com/vp-waves/got_s1e10_why_me.wav' group='abd'><timeout
seconds='10'><onComplete><stop-play target-
group='abd'><hangup/></onComplete></timeout></onConnect></dial></body></script>",
        "createdDate": "2020-06-25T13:28:03.815Z",
        "enabled": true,
        "direction": "inbound",
        "customerDefault": false
      }
    ]
  }
}

```

```

    }
  ]
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026472"
}

```

Update Port-Out PIN for Active Telephone Number

POST /portOutPinUpdate

This operation allows you to add a PIN for onnet (Tier 0 & HI) port-out protection on your company's In-Service telephone numbers in Inteliquent inventory. Telephone numbers without port-out PINs may be protected by a company-level port-out PIN if one exists, which can be set using the [/accountDefault](#) API operation.

Value	Description	Required
privateKey	API key required to validate your application	Yes
portOutPin	Contains tnList	Yes
tnList	Contains active telephone number(s) to add PIN(s)	Yes
tnItem	Contains active telephone number(s) to add PIN(s)	Yes
tn	Ten-digit telephone number to add PIN (e.g. 8156680000)	Yes
portOutPin	PIN for onnet port-out protection (Tier 0 & HI)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200: Success	String
	408 - tnMask can not be blank.	String
	408 - privateKey can not blank.	String
	414 - Fields Are Required:	String
	409 - Invalid TN submitted:(Tn List)	String
	418 - Character limit is exceeded for:	String
	430 - No Result Found	String
420 - Voice Platform is not enabled	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portOutPinUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "portOutPin": {
    "tnList": {
      "tnItem": [
        {
          "tn": 3123489652,
          "portOutPin": "New PIN 9652"
        },
        {
          "tn": 3123489651,
          "portOutPin": "SecretPIN"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Update Note for Active Telephone Number

POST /tnNoteUpdate

This operation allows you to add a note on your company's In Service telephone or toll-free numbers in Inteliquent inventory. Notes are searchable and returned in the [/tnDetail](#) API.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnNote	Contains tnList	Yes
tnList	Contains active telephone number(s) to add note(s)	Yes
tnItem	Contains active telephone number(s) to add note(s)	Yes
tn	Ten-digit telephone number to add note (e.g. 8156680000)	Yes
tnNote	Note text to apply to the number	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200: Success	String

430 - No Result Found	String
408 - privateKey can not blank.	String
414 - Fields Are Required:	String
409 - Invalid TN submitted:(Tn List)	String
414 –	String
416 - Invalid Input Parameters:	String
410 - DB Error:	String
411 - Unknown Error	String
431 - Unable to complete the request at the moment, please try again.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnNoteUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnNote": {
    "tnList": {
      "tnItem": [
        {
          "tn": 3123489652,
          "tnNote": "Subaccount A"
        },
        {
          "tn": 3123489651,
          "tnNote": "Subaccount B"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Disconnect Active Telephone Number

POST /tnDisconnect

This operation allows you to disconnect active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

Value	Description	Required
privateKey	API key required to validate your application	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains active telephone number(s) to disconnect	Yes
tnItem	Contains active telephone number(s) to disconnect	Yes
tn	Ten-digit telephone number to disconnect (e.g. 8156680000)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200: Success	String
	430 - No Result Found	String
	408 - privateKey can not blank.	String
	414 - Fields Are Required:	String
	409 - Invalid TN submitted:(Tn List)	String
	414 –	String
	416 - Invalid Input Parameters:	String
	410 - DB Error:	String
	431 - Unable to complete the request at the moment, please try again.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDisconnect HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrder05",
  "tnList": {
    "tnItem": [
      { "tn": 3123489654 },
      { "tn": 3123489655 }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026473"
}
```

List of TNs Pending Disconnection

POST /tnPendingDisconnectList

This operation allows you to retrieve the list of TNs that have been disconnected in the past 60 days.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnMask	Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	Yes*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	430 - No Result Found	String
status	Indicates whether the API call was successful or failure	String
tnList	Tn List containing all tns that are pending disconnection	List
tnItem	Encompassing tn element	Object
tn	Ten-digit telephone number which is pending disconnection (e.g. 8156680000).	String
restoreExpirationDate	Date when the TN will no longer be available for restoration	Date

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnPendingDisconnectList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMask": "206XXXXXX"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": "2062794016",
```

```

    "restoreExpirationDate": "2021-05-22"
  }
]
}
}

```

Restore Disconnected Telephone Numbers

POST /tnRestore

This operation allows you to restore TNs that are pending disconnection and reactivate those TNs within 60 days. Please note: as part of the tnRestore, all additional information around trunkgroups, features etc. has to be included as part of the request. Previous values are not restored.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnRestore	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
trunkGroup	Desired trunk group to assign the requested telephone number (e.g. CHCGIL24CL1_897)	No
routingOption	Desired routing Option to assign the requested telephone number (e.g. CHCGIL24CL1_897)	No
portOutPin	PIN for onnet port-out protection (Tier 0 & HI)	No
tnNote	Optional note value to be stored on the number	No
endUser	End user information for the telephone number	No*
name	End user's name	No
streetNum	End user address street number (e.g. 100, 550)	No
streetPreDir	End user address street direction prefix (e.g. N)	No
streetName	End user address street name	No
streetType	End user address street type (e.g. St, Ave)	No
streetPostDir	End user address street direction ending (e.g. SW)	No
locationType1	End user address location type 1 (e.g. Bld, Apt)	No
locationValue1	End user address location value 1 (e.g. 1, 2B)	No
locationType2	End user address location type 2 (e.g. Flr, Ste)	No
locationValue2	End user address location value 2 (e.g. 1, 900)	No
locationType3	End user address location type 3 (e.g. Flr, Ste)	No
locationValue3	End user address location value 3 (e.g. 1, 900)	No
city	End user address city	No
state	End user address state	No

postalCode	End user address zip code	No
typeOfService	Acceptable values are B, Business, R and Residence	No*

* Type of service is automatically set to B if not sent and callingName or directoryListing are present

tnFeature	Contains features associated to the telephone number	No
callerId	Caller ID name (CNAM) for the telephone number	No
callingName	Caller display name for outbound / LIDB storage; must be 15 characters or fewer and should have at least 1 alpha character	No
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No**
directoryListing	Directory listing information for the telephone number	No
lastName	Directory listing last name (if typeOfService is R) or business name (if typeOfService is B)	No
firstName	Directory listing first name (if typeOfService is R) or additional business name detail (if typeOfService is B)	No
streetNum	Directory listing address street number (e.g. 100, 550)	No
streetPreDir	Directory listing address street direction prefix (e.g. N)	No
streetName	Directory listing address street name	No
streetType	Directory listing address street type (e.g. St, Ave)	No
streetPostDir	Directory listing address direction ending (e.g. SW)	No
location	Directory listing address location (e.g. Ste 900)	No
city	Directory listing address city	No
state	Directory listing address state	No
postalCode	Directory listing address zip code	No
e911	E911 information for the telephone number	No
name	E911 first and last name	No***
origStreetNum	E911 address street number (e.g. 100, 550)	No***
origStreetInfo	E911 address street information (e.g. W Adams St)	No***
origLocation	E911 address location (e.g. Suite 900)	No
origCity	E911 address city	No***
origState	E911 address state	No***
origPostalCode	E911 address zip code	No***
origPostalCodePlusFour	E911 address zip code plus four	No
messaging	Text messaging services for the telephone number	No
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	No****
messageType	Acceptable values are SMS, MMS, SMSMMS,	No****

	SMS_ALT, MMS_ALT and SMSMMS_ALT	
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	430 - No Result Found	String
	412 - Invalid trunk group submitted for:	String

**Will be set to value stored in [accountDefaultDetail](#) if not sent

***Required if tnFeature contains e911

****Required if tnFeature contains messaging

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnRestore HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
```

```
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnOrder": {
    "tnList": {
      "tnItem": [
        {
          "tn": 6123453622,
          "trunkGroup": "CHCGIL24CL1_897",
          "routingOption": "CHCGIL24CL2_897",
          "endUser": {
            "name": "Hope Trope",
            "typeOfService": "R"
          },
          "tnFeature": {
            "callerId": {
              "cnamDip": "Y"
            },
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMS"
            }
          }
        },
        {
          "tn": 6123453623,
          "trunkGroup": "CHCGIL24CL1_897",
          "portOutPin": "Test 3623",
          "tnFeature": {
            "callerId": {
```

```

    "cnamDip": "N"
  }
}
}, {
  "tn": 6123453624,
  "trunkGroup": "CHCGIL24CL1_897",
  "routingOption": "CHCGIL24CL2_897",
  "portOutPin": "Test 3624"
}
]
}
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "{2=[6123453624 TN is on an existing order]}",
  "statusCode": "200",
  "orderId": "null"
}

```

The response indicates that numbers 6123453622 and 6123453623 were synchronously activated to the account, but 6123453624 was excluded from activation for the provided reason.

An `orderId` will only be returned for `tnOrder` requests containing more than 100 telephone numbers, or containing `callingName`, `directoryListing`, `e911`, or `messaging`. Smaller requests without features will be completed synchronously with a null order number returned in the response.

Call Forwarding

The following API calls allow you to setup, update, remove, and list call forwarding settings. *Please note: This feature is available upon request. Please contact Client Services to activate this feature for your API.*

- [POST /tnForward](#)
- [POST /tfForward](#)
- [POST /tnForwardList](#)
- [POST /tfForwardList](#)

Manage Phone Number Call Forwarding Settings

POST /tnForward

This operation allows you to add, delete, enable or disable a call forwarding from a telephone number to another.

To remove call forwarding from a TN, please pass the `removeForwardTo` element with a value of "Y".

Request:

Parameter	Description	Required
<code>privateKey</code>	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

tnForward	Encompassing forwarding request.	Yes
customerOrderReference	Customer's order reference	No
tnList	Tn List containing all tns whose forwarding needs updated.	Yes
tnItem	Encompassing tn element	Yes
tn	Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000).	Yes
forwardTo	Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo or removeForwardTo needs to be specified.	No
removeForwardTo	If you want to remove the forwarding associated with the given TN, then pass this flag with a value of "Y". Either ForwardTo or removeForwardTo needs to be specified.	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful or failure	String
statusCode	200 - Success 414 - Fields Are Required:<name Of Field> 431 - Unable to complete the request at the moment, please try again 408 - privateKey can not blank. 430 - No Result Found 414 - 418 - Character limit is exceeded for: 409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, ! 422 - Order quantity limit is 100,000 numbers. 409 - Invalid TN submitted:(Tn List) 409 - Invalid ForwardTo submitted: 426 - Call Forwarding is not enabled for the Account. 432 - TN Excluded 425 - Partial Success	String
orderId	OrderId for the given tn forwarding order	String

Example Request 1 – Add new forwarding to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnForward HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "2012040514",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1519788
}
```

Example Request 2 – Invalid TN:

```
POST https://services.inteliquent.com/PSAP/1.0.0/properties/coordinates HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "20120405141",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid TN submitted:[20873619391]",
  "statusCode": "409"
}
```

Manage Toll-free Phone Number Call Forwarding Settings

POST /tfForward

This operation allows you to add, delete, enable or disable a call forwarding from a tollfree telephone number to another.

To remove call forwarding from a TN, please pass the `removeForwardTo` element with a value of "Y".

Request:

Parameter	Description	Required
<code>privateKey</code>	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
<code>tfForward</code>	Encompassing forwarding request.	Yes
<code>customerOrderReference</code>	Customer's order reference	No
<code>tnList</code>	Tn List containing all tns whose forwarding needs updated.	Yes
<code>tnItem</code>	Encompassing tn element	Yes
<code>tn</code>	Ten-digit tollfree telephone number to which the forwarding needs to be applied (e.g. 8156680000).	Yes
<code>forwardTo</code>	Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either <code>ForwardTo</code> OR <code>removeForwardTo</code> needs to be specified.	No
<code>removeForwardTo</code>	If you want to remove the forwarding associated with the given TN, then pass this flag with a value of "Y". Either <code>ForwardTo</code> OR <code>removeForwardTo</code> needs to be specified.	No

Response:

Parameter	Description	Type
<code>status</code>	Indicates whether the API call was successful or failure	String
<code>statusCode</code>	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - <code>privateKey</code> can not blank.	String
	430 - No Result Found	String
	414 -	String
	418 - Character limit is exceeded for:	String
	409 - <code>customerOrderReference</code> has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	
	422 - Order quantity limit is 100,000 numbers.	String

	409 - Invalid TN submitted:(Tn List)	String
	409 - Invalid ForwardTo submitted:	String
	426 - Call Forwarding is not enabled for the Account.	String
	432 - TN Excluded	String
	425 - Partial Success	String
orderId	OrderId for the given tn forwarding order	String

Example Request 1 – Add new forwarding to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnForward HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tfForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "8001231234",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1519788
}
```

Example Request 2 – Invalid TN:

```
POST https://services.inteliquent.com/PSAP/1.0.0/properties/coordinates HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tfForward": {
    "customerOrderReference": "687a67dd-7b54-428b-9734-4eec7adc9466",
    "tnList": {
      "tnItem": [
        {
          "tn": "80012312344",
          "forwardTo": "3123752629"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid TN submitted:[80012312344]",
  "statusCode": "409"
}
```

Phone Number Call Forwarding Listing

POST /tnForwardList

This operation allows you to retrieve a list of TNs that have forwarding enabled for a given company based on the private key of the company.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type	
statusCode	200 - Success	String	
	414 - Fields Are Required:<name Of Field>	String	
	431 - Unable to complete the request at the moment, please try again	String	
	408 - privateKey cannot blank.	String	
	430 - No Result Found	String	
	418 - Character limit is exceeded for:	String	
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String	
	422 - Order quantity limit is 100,000 numbers.	String	
	409 - Invalid TN submitted:(Tn List)	String	
	409 - Invalid ForwardTo submitted:	String	
	426 - Call Forwarding is not enabled for the Account.	String	
	432 - TN Excluded	String	
	425 - Partial Success	String	
	status	Indicates whether the API call was successful or failure	String
	tnForwardList	Array of tnItems	
tn	Ten-digit tollfree telephone number to which the forwarding is applied (e.g. 8156680000).	String	
forwardTo	Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo or removeForwardTo needs to be specified.	String	

Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/tnForwardList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

Example Response:

```
{
  "statusCode": "200",
  "tnForwardList": [
    {
      "tn": "2087361939",
      "forwardTo": "3123752629"
    }
  ]
}
```

Toll-free Number Call Forwarding Listing

POST /tfForwardList

This operation allows you to retrieve a list of tollfree TNs that have forwarding enabled for a given company based on the private key of the company.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Success 414 - Fields Are Required:<name Of Field> 431 - Unable to complete the request at the moment, please try again 408 - privateKey can not blank. 430 - No Result Found 409 - Invalid ForwardTo submitted: 426 - Call Forwarding is not enabled for the Account.	String
status	Indicates whether the API call was successful or failure	String
tfForwardList	Array of tnItems	
tn	Ten-digit tollfree telephone number to which the forwarding is applied (e.g. 8156680000).	String

forwardTo	Ten-digit telephone number to which the forwarding needs to be applied (e.g. 8156680000). Either ForwardTo or removeForwardTo needs to be specified.	String
-----------	--	--------

Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/tfForwardList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

Example Response:

```
{
  "statusCode": "200",
  "tfForwardList": [
    {
      "tn": "8001231234",
      "forwardTo": "3123752629"
    }
  ]
}
```

Provision E911

POST /tnE911

This operation allows you to provision E911 after validating an address for specified Telephone Number. This api allows 911 operations (add, update, remove) synchronously for single TN. The provisioned address will be returned in the response with appropriate provisionMsg and provisionResult.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
tn	Ten-digit telephone number requested (e.g. 3123488246)	Yes
name	E911 first and last name	Yes
streetNum	E911 address street number (e.g. 100, 550)	Yes
streetInfo	E911 address street information (e.g. W Adams St)	Yes
location	E911 address location (e.g. Suite 900)	No
city	E911 address city	Yes
state	E911 address state	Yes
postalCode	E911 address zip code	Yes
postalCodePlusFour	E911 address zip code plus four	No
removeE911	To remove E911	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey cannot be blank.	String
	430 - No Result Found	String
	409 Invalid Address	String
	414 - TN is Invalid	String
	409 Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - (Different Errors)	String

Note: 1) To remove E911 “removeE911” flag is required and should be sent as “Y”.

2) For “name” & “location” parameters all printable ASCII characters are allowed.

Example Request (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488244",
  "name": "James Holden",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "postalCodePlusFour": "3665"}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911Response": {
    "tn": "3123488244",
    "name": "James Holden",
    "origStreetNum": "550",
    "origStreetInfo": "W Adams St",
    "origLocation": "9th floor",
    "origCity": "Chicago",
    "origState": "IL",
  }
}

```

```
"origPostalCode": "60661",
"origPostalCodePlusFour": "3665",
"provisionMsg": "VALID",
"provisionResult": 0,
"provisionedStreetNum": "550",
"provisionedStreetInfo": "W Adams St",
"provisionedLocation": "9th floor",
"provisionedCity": "Chicago",
"provisionedState": "IL",
"provisionedPostalCode": "60661",
"provisionedPostalCodePlusFour": "3665"
}
}
```

Example Request (Corrected Address):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "3123488244",
  "name": "James Holden",
  "streetNum": "550",
  "streetInfo": "Adams",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "postalCodePlusFour": "3665"}
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911Response": {
    "tn": "3123488244",
    "name": "James Holden",
    "origStreetNum": "550",
    "origStreetInfo": "Adams",
    "origLocation": "9th floor",
    "origCity": "Chicago",
    "origState": "IL",
    "origPostalCode": "60661",
    "origPostalCodePlusFour": "3665",
    "provisionMsg": "CORRECTED",
    "provisionResult": 1,
    "provisionedStreetNum": "550",
    "provisionedStreetInfo": "W Adams St",
    "provisionedLocation": "9th floor",
    "provisionedCity": "Chicago",
    "provisionedState": "IL",
    "provisionedPostalCode": "60661",
    "provisionedPostalCodePlusFour": "3665"
  }
}
```

Example Request (Delete):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn":"3123488244",
  "removeE911":"Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911Response": { }
}
```

Example Request (Invalid Address):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn":"3123488244",
  "name":"James Holden",
  "streetNum":"55012345",
  "streetInfo":"Adams",
  "location":"9th floor",
  "city":"Chicago",
  "state":"IL",
  "postalCode":"60601",
  "postalCodePlusFour":""}
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Address",
  "statusCode": "409",
  "tnE911Response": {
    "provisionMsg": "3123488244 Invalid address, 3123488244 Validation result: 2 Message:
Invalid address - no correction found",
    "provisionResult": 2
  }
}
```

Example Request (Bad):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911 HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tN":"3123488244",
  "name1":"James Holden",
  "streetNum":"550",
  "streetInfo":"W Adams St",
  "location":"9th floor",
  "city":"Chicago",
}
```

```
"state": "IL",
"postalCode": "60661",
"postalCodePlusFour": "3665"}
```

Example Response:

```
HTTP/1.1 200 OK
{ "status": "Request format not recognized (Unrecognized fields in json)",
  "statusCode": "400" }
```

Validate E911

POST /tnE911Validate

This operation allows you to validate E911 Order fields (including the TN or TFN, name, location, etc.). Validates the E911 Address. Validates required fields, field lengths, etc. The corrected address will be returned in the response only if the validationMsg is returned as Corrected to Valid Address. In case if address is not close enough to find match, candidate addresses can be returned.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
tn	Ten-digit telephone number requested (e.g. 3123488246 or 8334472663)	Yes
name	E911 first and last name	Yes
streetNum	E911 address street number (e.g. 100, 550)	Yes
streetInfo	E911 address street information (e.g. W Adams St)	Yes
location	E911 address location (e.g. Suite 900)	No
city	E911 address city	Yes
state	E911 address state	Yes
postalCode	E911 address zip code	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	414 - (Different Errors)	String
	409 Invalid Input Parameters:(Input Fields)	String

411 - Unknown Error

String

Validate Results

- validationResult = 0, the address is perfect as sent
- validationResult = 1, the result was a close enough match and has been corrected
- validationResult = 2, the result is not close enough

P.S. For “name” & “location” parameters all printable ASCII characters are allowed.

Example Request (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "3123488246",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "3123488246",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams St",
    "location": "",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60661",
    "validationResult": 0,
    "validationMsg": "Valid address",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661"
  }
}
```

Example Request (Corrected):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "3123488246",
  "name": "Test User",
  "streetNum": "550",

```

```
"streetInfo": "W Adams",
"city": "Chicago",
"state": "IL",
"postalCode": "60601"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "3123488246",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60601",
    "validationResult": 1,
    "validationMsg": "Corrected to valid address|Corrected ZIP Code|Changed address
component",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661"
  }
}
```

Example Request (In Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "name": "Test User",
  "streetNum": "318",
  "streetInfo": "28th",
  "city": "Tucson",
  "state": "AZ",
  "postalCode": "85713"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "3123488246",
    "name": "Test User",
    "streetNum": "318",
    "streetInfo": "28th",
    "city": "Tucson",
    "state": "AZ",
    "postalCode": "85713",
  }
}
```



```
"validationResult": 2,
"validationMsg": " Invalid address - no correction found|Multiple addresses found (may be
missing pre-directional)",
"candidateAddressList":[
  {
    "streetNum": "318",
    "streetInfo": "W 28th St",
    "city": "Tucson",
    "state": "AZ",
    "postalCode": "85713",
    "postalCodePlusFour": "2848",
    "country": "USA"
  },
  {
    "streetNum": "318",
    "streetInfo": "E 28th St",
    "city": "Tucson",
    "state": "AZ",
    "postalCode": "85713",
    "postalCodePlusFour": "2942",
    "country": "USA"
  }
]
}
```

Example Request – Toll-free (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "8334472663",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "8334472663",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams St",
    "location": "",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60661",
    "validationResult": 0,
    "validationMsg": "Valid address",
    "correctedStreetNum": "550",
  }
}
```

```
"correctedStreetInfo": "W Adams St",
"correctedCity": "Chicago",
"correctedState": "IL",
"correctedPostalCode": "60661"
}
}
```

Example Request – Toll-free (Corrected):

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Validate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "8334472663",
  "name": "Test User",
  "streetNum": "550",
  "streetInfo": "W Adams",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60601"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnE911ValidateResponse": {
    "tn": "8334472663",
    "name": "Test User",
    "streetNum": "550",
    "streetInfo": "W Adams",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60601",
    "validationResult": 1,
    "validationMsg": "Corrected to valid address|Corrected ZIP Code|Changed address component",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661"
  }
}
```

Manage E911 Notification Settings

POST /tnE911Notification

This operation allows you to create, update, remove email addresses associated with a given TN for E911 Notifications.

To set up emails for notification, pass in the email list element with multiple email addresses. The new list will add to prior email addresses on the TN.

To de-register email addresses for notification, please pass the removeNotification element with a value of “Y” and pass in the emailList element with a list of email addresses to be removed.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnE911Notification	Contains TN information	Yes
tn	Ten-digit telephone number to which notification email is to be registered (e.g. 8156680000)	Yes
emailList	Contains email list.	Yes
emailItem	Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.	Yes
email	Email addresses to be set for the TN for notifications. Must be a fully qualified email address.	Yes
removeNotification	If you want to remove email addresses from the given TN, then pass this flag with a value of “Y” along with the email address list.	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful or failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	414 - (Different Errors)	String
	409 Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	409 Invalid TN submitted:	String
	401 Unauthorized	String
	464 (Generic Error)	String
	400 Unable to add more than 10 notification emails to number	String
	462 Unable to process the request at the moment	String
	461 TN {0} Not found for the account	String
tnE911Notification	List of email addresses currently associated with the TN (included on successful responses only)	Yes*

tn	Ten-digit telephone number from the request	Yes
emailList	Contains email list. – This element may not be set if there are no notification emails setup for a given tn.	No
emailItem	Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.	Yes
email	Email address set for the TN for notifications.	Yes

Example Request 1 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": " abc123@def.com "
        },
        {
          "email": " abc234@def.com "
        }
      ]
    }
  }
}
```

Example Request 2 – Too many email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "123@def.com"
        },
        {
          "email": "234@def.com"
        },
        {
          "email": "2345@def.com"
        },
        {
          "email": "2345@def.com"
        },
        {
          "email": "1234@def.com"
        },
        {
          "email": "asda@def.com"
        },
        {
          "email": "asdf@def.com"
        },
        {
          "email": "adsf@def.com"
        },
        {
          "email": "zxczxc@def.com"
        },
        {
          "email": "asdfqwer@def.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "460",
  "status": "Unable to add more than 10 notification emails to a number."
}
```

Example Request 3 – TN not found on the account:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "461",
  "status": "TN Not found"
}
```

Example Request 4 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "2015540010",
    "emailList": {
      "emailItem": [
        {
          "email": "qwerty@def.com"
        },
        {
          "email": "asdfgh@def.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnE911Notification ": {
```

```

"tn":"2015540010",
"emailList":{
  "emailItem":[
    {
      "email":" abc123@def.com "
    },
    {
      "email":" abc234@def.com "
    },
    {
      "email":"qwerty@def.com"
    },
    {
      "email":"asdfgh@def.com"
    }
  ]
}
}
}

```

Example Request 5 – Remove notification email address:

```

POST https://services.inteliquent.com/Services/1.0.0/tnE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification":{
    "tn":"2015540010",
    "emailList":{
      "emailItem":[
        {
          "email":"qwerty@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
  "removeNotification":"Y"
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "tnE911Notification":{
    "tn":"2015540010",
    "emailList":{
      "emailItem":[
        {
          "email":" abc123@def.com "
        },
        {
          "email":" abc234@def.com "
        }
      ]
    }
  }
}

```

```

}
}
}
]

```

List E911 Notification Settings

POST /tnE911NotificationList

This operation allows you to retrieve the current email addresses associated with a given TN for E911 Notifications.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnE911Notification	Contains TN for which the notifications need to be retrieved	Yes
tn	Ten-digit telephone number to retrieve settings for (e.g. 8156680000)	Yes

Response:

Parameter	Description	Type	
statusCode	200 - Success	String	
	414 - Fields Are Required:<name Of Field>	String	
	431 - Unable to complete the request at the moment, please try again	String	
	408 - privateKey can not blank.	String	
	409 Invalid Input Parameters:(Input Fields)	String	
	409 Invalid TN submitted:	String	
	401 Unauthorized	String	
	464 (Generic Error)	String	
	400 Unable to add more than 10 notification emails to number	String	
	462 Unable to process the request at the moment	String	
	461 TN {0} Not found for the account	String	
	status	Indicates whether the API call was successful or failure	String
	tnE911Notification	List of email addresses currently associated with the TN (included on successful responses only)	Yes*
tn	Ten-digit telephone number to retrieve settings for (e.g. 8156680000)	Yes	
emailList	Contains email list. – This element may not be set if	No	

	there are no notification emails setup for a given tn.	
emailItem	Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.	Yes
email	Email address set for the TN for notifications.	Yes

Example Request 1 – Retrieve TN Notification Settings:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "3123489651"
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnE911Notification": {
    "tn": "3123489651",
    "emailList": {
      "emailItem": [
        {
          "email": "qwerty1234@def.com"
        },
        {
          "email": "asdfgh@def.com"
        }
      ]
    }
  }
}
```

Example Request 2 – TN without notification emails:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "3123489651"
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnE911Notification": {
```

```

    "tn": "3123489651"
  }
}
    
```

Example Request 3 – TN Not found:

```

POST https://services.inteliquent.com/Services/1.0.0/tnE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnE911Notification": {
    "tn": "3123489651"
  }
}
    
```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": "461",
  "status": "TN Not found"
}
    
```

Manage Unprovisioned E911 Notification Settings

POST /customerE911Notification

This operation allows you to create, update, remove email addresses to receive unprovisioned E911 Notification alerts.

To set up emails for notification, pass in the email list element with multiple email addresses. The new list will add to prior email addresses on the TN.

To de-register email addresses for notification, please pass the removeNotification element with a value of "Y" and pass in the emailList element with a list of email addresses to be removed.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
customerNotification	Contains emails to be configured at the customer level	Yes
emailList	Contains email list.	Yes
emailItem	Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.	Yes
email	Email addresses to be set for the customer for notifications. Must be a fully qualified email address.	Yes
removeNotification	If you want to remove email addresses for the	No

customer, then pass this flag with a value of “Y” along with the email address list.

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	460 EmailItem exceeded {0} notification emails	String
	401 Unauthorized	String
	Indicates whether the API call was successful or failure	String
status	Indicates whether the API call was successful or failure	String
customerNotification	Contains emails to be configured at the customer level (included on successful responses only)	Yes*
emailList	Contains email list. – This element may not be set if there are no notification emails setup for a given tn.	No
emailItem	Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.	Yes
email	Email address set for the customer for notifications.	Yes

Example Request 1 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerNotification": {
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "customerNotification": {
```

```

    "emailList":{
      "emailItem":[
        {
          "email":" abc123@def.com "
        },
        {
          "email":" abc234@def.com "
        }
      ]
    }
  }
}

```

Example Request 2 – Too many email addresses:

POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
 Authorization: Basic a12b34567c89012def34g56789hi0j12

```

{
  "privateKey":"Abcd1FghIjK2314mno5pqrX6yzab",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":"abc123@def.com"
        },
        {
          "email":"123@def.com"
        },
        {
          "email":"234@def.com"
        },
        {
          "email":"2345@def.com"
        },
        {
          "email":"2345@def.com"
        },
        {
          "email":"1234@def.com"
        },
        {
          "email":"asda@def.com"
        },
        {
          "email":"asdf@def.com"
        },
        {
          "email":"adsf@def.com"
        },
        {
          "email":"zxczxc@def.com"
        },
        {
          "email":"asdfqwer@def.com"
        }
      ]
    }
  }
}

```

```
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "460",
  "status": "Unable to add more than 10 notification emails to a number."
}
```

Example Request 3 – TN not found on the account:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerNotification": {
    "emailList": {
      "emailItem": [
        {
          "email": "abc123@def.com"
        },
        {
          "email": "abc234@def.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "461",
  "status": "TN Not found"
}
```

Example Request 4 – Add new email addresses:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerNotification": {
    "emailList": {
      "emailItem": [
        {
          "email": "qwerty@def.com"
        },
        {
          "email": "asdfgh@def.com"
        }
      ]
    }
  }
}
```

```
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":" abc123@def.com "
        },
        {
          "email":" abc234@def.com "
        },
        {
          "email":"qwerty@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
}
```

Example Request 5 – Remove notification email address:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911Notification HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerNotification":{
    "emailList":{
      "emailItem":[
        {
          "email":"qwerty@def.com"
        },
        {
          "email":"asdfgh@def.com"
        }
      ]
    }
  }
  "removeNotification":"Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success",
  "customerNotification":{
    "emailList":{
      "emailItem":[
```

```

    {
      "email": " abc123@def.com "
    },
    {
      "email": " abc234@def.com "
    }
  ]
}
}
}

```

List Unprovisioned E911 Notification Settings

POST /customerE911NotificationList

This operation allows you to retrieve the current email addresses associated with the customer for unprovisioned E911 Notification alerts.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Success 414 - Fields Are Required:<name Of Field> 431 - Unable to complete the request at the moment, please try again 408 - privateKey can not blank. 401 Unauthorized	String String String String String
status	Indicates whether the API call was successful or failure	String
customerNotification	List of email addresses currently associated with the customer (included on successful responses only)	Yes*
emailList	Contains email list. – This element may not be set if there are no notification emails setup for a given tn.	No
emailItem	Contains email List – this is an array and will take in multiple email elements with an upper limit of 10 email addresses.	Yes
email	Email address set for the customer for notifications.	Yes

Example Request 1 – Retrieve TN Notification Settings:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "customerNotification": {
    "emailList": {
      "emailItem": [
        {
          "email": "qwerty1234@def.com"
        },
        {
          "email": "asdfgh@def.com"
        }
      ]
    }
  }
}
```

Example Request 2 – TN without notification emails:

```
POST https://services.inteliquent.com/Services/1.0.0/customerE911NotificationList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "customerNotification": {
  }
}
```


PSAP Outage Contact Data

The following API calls allow you to retrieve PSAP Outage contact information. *This feature is available upon request. Please contact Client Services to activate this feature for your API.*

[POST /stateList](#)
[POST /countyList](#)
[POST /fccList](#)
[POST /e911AuthNameList](#)
[POST /psapNameList](#)
[POST /psapContactList](#)

List States

POST /stateList

This operation allows you to retrieve a list of states.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	401 Unauthorized	String
status	Indicates whether the API call was successful or failure	String
stateList	List of States	Yes*
name	Name of State	Yes
stateProvRef	State Short Reference.	Yes

Example Request 1 – Retrieve State List:

```

POST https://services.inteliquent.com/Services/1.0.0/stateList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
    
```

Example Response:

```
HTTP/1.1 200 OK
```

```
{
  "status": "Success",
  "statusCode": "200",
  "stateList": [
    {
      "name": "Alaska",
      "stateProvRef": "AK"
    },
    {
      "name": "Alabama",
      "stateProvRef": "AL"
    }
  ]
}
```

List County

POST /countyList

This operation allows you to retrieve a list of county based upon states.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
state	List of states separated by comma	

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	401 Unauthorized	String
status	Indicates whether the API call was successful or failure	String
countyList	List of States	Yes*
name	Name of State	Yes

Example Request 1 – Retrieve County List:

```
POST https://services.inteliquent.com/Services/1.0.0/countyList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
```

```
"state": "MN, KY"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "countyList": [
    {
      "name": "Aitkin"
    },
    {
      "name": "Anoka"
    }
  ]
}
```

List FCC ID

POST /fccList

This operation allows you to retrieve a list of FCC ID based upon states & county.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
state	List of states separated by comma	
county	List of county separated by comma	

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	401 Unauthorized	String
status	Indicates whether the API call was successful or failure	String
fccIdList	List of FCC ID	Yes*
fccId	FCC ID	Yes

Example Request 1 – Retrieve FCC ID List:

```
POST https://services.inteliquent.com/Services/1.0.0/fccList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "state": "MN, KY",
  "county": ""
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "fccIdList": [
    {
      "fccId": "5466"
    }
  ]
}
```

List 911 Auth Names

POST /e911AuthNameList

This operation allows you to retrieve a list of 911 Auth Name based upon states & county.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
state	List of states separated by comma	
county	List of county separated by comma	

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	401 Unauthorized	String
status	Indicates whether the API call was successful or failure	String
e911AuthNameList	List of 911 Auth Names	Yes*
e911AuthName	911 Auth Names	Yes

Example Request 1 – Retrieve County List:

```
POST https://services.inteliquent.com/Services/1.0.0/e911AuthNameList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "state": "MN, KY",
  "county": ""
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "e911AuthNameList": [
    {
      "e911AuthName": "MN Metro Board"
    }
  ]
}
```

List Psap Name List

POST /psapNameList

This operation allows you to retrieve a list Psap Name based upon states & county.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
state	List of states separated by comma	
county	List of county separated by comma	

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	401 Unauthorized	String
status	Indicates whether the API call was successful or failure	String
psapNameList	List of Psap Names	Yes*
name	Psap Name	Yes

Example Request 1 – Retrieve PSAP Name List:

```
POST https://services.inteliquent.com/Services/1.0.0/psapNameList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "state": "MN, KY",
  "county": ""
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "psapNameList": [
    {
      "name": "Samtesting040120"
    }
  ]
}
```

List Psap Outage Contact List

POST /psapContactList

This operation allows you to retrieve a list Psap Outage Contact List.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
state	List of states separated by comma	
county	List of county separated by comma	
fccId	List of FCC ID separated by comma	
e911AuthName	List of E911 Auth Name separated by comma	
psapName	List of Psap Name separated by comma	
status	Confirmation status	
fromDate	Entry date	
endDate	Entry or updated date	
pageSort	Contains sorting and pagination parameters	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	401 Unauthorized	String
status	Indicates whether the API call was successful or failure	String
psapContactList	List of Psap Names	Yes*
psapName	Psap Name	Yes
fccId	Fcc Ids	
countyName	County name	
e911AuthName	911 Auth Name	
typeContactPurposeName	Type of contact purpose name	
contactDisplayName	Contact Display name	
contactPhone	Contact Phone	
contactEmail	Contact Email	
contactFax	Contact Fax	
contactPager	Contact pager	
contactPostalAddress	Contact Postal Address	
confirmationStatus	Confirmation Status	
confirmationDt	Confirmation Date	
confirmationUser	Confirmation User	
confirmationUserDisplayName	Confirmation User Display Name	
lastUpdateUserDisplayName	Last Update User Display Name	
resultCount	Result Count	

Example Request 1 – Retrieve Psap Outage Contact List.:

```
POST https://services.inteliquent.com/Services/1.0.0/psapContactList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "fccId": "678392",
  "state": "KY",
  "pageSort": {
    "size": ""
  }
}
```

```

    "page": ""
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "page": "null",
  "totalPages": "null",
  "totalItems": "6",
  "searchId": "342592937946",
  "psapContactList": [
    {
      "psapName": "Test Mubeena new PSAP",
      "fccId": "678392",
      "stateProvRef": "MN",
      "countyName": "Chippewa",
      "countyId": 5115,
      "e911AuthPartyClassId": 35823,
      "e911AuthName": "MN Metro Board",
      "contactRelationshipId": 72996,
      "contactPartyId": 96437,
      "contactDisplayName": "Kapoor, Shahid ",
      "typeContactPurposeName": "Primary",
      "contactPhone": "(Multiple)",
      "contactEmail": "(Multiple)",
      "fromDt": "2023-04-19",
      "lastUpdateUserDisplayName": "Test, Test ",
      "resultCount": 6
    },
    {
      "psapName": "Test Mubeena new PSAP",
      "fccId": "678392",
      "stateProvRef": "MN",
      "countyName": "Chippewa",
      "countyId": 5115,
      "e911AuthPartyClassId": 35823,
      "e911AuthName": "MN Metro Board",
      "contactRelationshipId": 72995,
      "contactPartyId": 96436,
      "contactDisplayName": "Shinde, Shirish ",
      "typeContactPurposeName": "Outage",
      "contactPhone": "5126372211",
      "contactEmail": "shirish@test.com",
      "fromDt": "2023-04-19",
      "confirmationStatus": "Unconfirmed",
      "lastUpdateUserDisplayName": "Test, Test ",
      "resultCount": 6
    }
  ]
}

```


Provision Messaging

POST /tnMessaging

This operation allows you to provision Messaging for specified Telephone Number. This api allows Messaging operations (add, update, remove) synchronously for single TN.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
tn	Ten-digit telephone number (e.g. 3123481234)	Yes
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	Yes
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	Yes
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No
altSpId	Alternative SpId value	No
removeMessaging	To remove Messaging	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	414 - (Different Permission Errors)	String
	425 Cannot update message class on TN with campaign	String
	425 Unable to provision messaging for this TN. Please contact Inteliquent messaging team.	String
425 Unable to remove messaging for this TN. Please contact Inteliquent messaging team.	String	

Note: To remove Messaging “removeMessaging” flag is required and should be sent as “Y”.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessaging HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "messageClass": "P2P",
  "messageType": "SMS",
  "netNumberId": "1234",
  "altSpid": "1234"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "425",
  "status": "Unable to provision messaging for this TN. Please contact Inteliquent messaging team."
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessaging HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "removeMessaging": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "425",
  "status": "Unable to remove messaging for this TN. Please contact Inteliquent messaging team."
}
```

Request TN

POST /tnRequest

This operation allows you to request numbers be added to inventory.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
customerOrderReference	Alphanumeric order reference name	No
state	Two-letter state or province abbreviation (e.g. IL, CA)	No
lata	Three-digit local access and transport area code	No
rateCenter	Rate center abbreviation (e.g. WSHNGTNZN1)	No
npa	Three-digit npa	No
nxx	Three-digit nxx	No
trunkGroup	Desired trunk group to assign the requested TNs	No
routingOption	Desired routing option to assign the requested TNs	No
quantity	Number of TNs to be requested	Yes
activate	Enter Y or N to activate numbers or not	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey can not blank.	String
	418 - Character limit is exceeded for:customerOrderReference	String
	430 - No Result Found	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,], [, !	String
	409 - Invalid Input Parameters:	String
	411 - Unknown Error	String
	420 Customer OCN on TN Request is not enabled	String
	417 Quantity must be at least 1000	String
	410 - DB Error:(Database Error)	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "abcsdsd88246",
  "state": "IL",
  "lata": "550",
  "rateCenter": "WSHNGTNZN1",
  "npa": "312",
  "nxx": "348",
  "quantity": 10,
  "trunkGroup": "Main Trunk Group",
  "routingOption": "Main Trunk Group",
  "activate": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "3212323"
}
```

Moving TNs between Accounts

The following API call allows you to move telephone numbers between associated accounts of a given company. *Note: This setup is done by Customer Success Teams to enable the move feature on the back end.*

- [POST /tnMove](#)

This operation retrieves the list of entities that are supported by Inteliquent. One these values needs to be passed into the provisioning APIs.

Request:

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnMove	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number to be moved (e.g. 8156680000)	Yes
trunkGroup	Desired trunk group to assign the requested telephone number (e.g. CHCGIL24CL1_897)	No

routingOption	Desired routing option to assign the requested telephone number (e.g. CHCGIL24CL1_897)	No
portOutPinOperation	Options: preserve, remove. Default is remove.	No
tnNoteOperation	Options: preserve, remove. Default is remove.	No
forwardToOperation	Options: preserve, remove. Default is remove.	No
endUser	End user information for the telephone number	No*
typeOfService	Acceptable values are B, Business, R and Residence	No*
operation	Options: preserve, remove. Default is remove.	No*
tnFeature	List of tn features to be carried over	No
callerId		No*
callingNameOperation	Options: preserve, remove. Default is remove.	No*
cnamDipOperation	Options: preserve, remove. Default is remove.	No
directoryListing		No*
operation	Options: preserve, remove. Default is remove.	No*
e911		No*
operation	Options: preserve, remove. Default is remove.	No*
messaging		No*
operation	Options: preserve, remove. Default is remove.	No*

Response:

Parameter	Description	Type
statusCode	200 - Success	String
	414 - Fields Are Required:<name Of Field>	String
	431 - Unable to complete the request at the moment, please try again	String
	408 - privateKey cannot blank.	String
	432 TN Excluded	String
	425 Partial Success	String
	409 - Invalid Input Parameters:	String
	411 - Unknown Error	String
	430 - No Result Found	String

	420 Tn Move is not enabled	String
	418 - Character limit is exceeded for:customerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String
	409 Invalid TN submitted:	String
	422 Maximum item quantity (5,000) has been exceeded.	String
	426 Account not 911-enabled, remove e911 from request.	String
	418 Character limit is exceeded for:	String
	409 (Multiple Check of Input fields	String
	412 Invalid trunk group submitted for:	String
	414 - tnNote must not exceed 4000 characters for TN/s:	String
	410 - DB Error:(Database Error)	String
status	Indicates whether the API call was successful or failure	String
orderId	Order Id for the order just placed	String

Example Request 1 – Move TN between accounts:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMove HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
```

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMove": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2085161531",
          "portOutPinOperation": "preserve",
          "tnNoteOperation": "preserve",
          "forwardToOperation": "preserve",
          "endUser": {
            "typeOfService": "B",
            "operation": "preserve"
          },
        },
        "tnFeature": {
          "callerId": {
            "callingNameOperation": "preserve",
            "cnamDipOperation": "preserve"
          },
          "directoryListing": {
            "operation": "preserve"
          },
        },
        "e911": {
          "operation": "preserve"
        },
        "messaging": {
          "operation": "preserve"
        }
      ]
    }
  }
}
```

```

    }
  },
  {
    "tn": "2085161532",
    "portOutPinOperation": "preserve",
    "tnNoteOperation": "preserve",
    "forwardToOperation": "preserve",
    "endUser": {
      "typeOfService": "B",
      "operation": "preserve"
    },
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "preserve",
        "cnamDipOperation": "preserve"
      },
      "directoryListing": {
        "operation": "preserve"
      },
      "e911": {
        "operation": "preserve"
      },
      "messaging": {
        "operation": "preserve"
      }
    }
  },
  {
    "tn": "2085161533",
    "portOutPinOperation": "preserve",
    "tnNoteOperation": "preserve",
    "forwardToOperation": "preserve",
    "endUser": {
      "typeOfService": "B",
      "operation": "preserve"
    },
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "preserve",
        "cnamDipOperation": "preserve"
      },
      "directoryListing": {
        "operation": "preserve"
      },
      "e911": {
        "operation": "preserve"
      },
      "messaging": {
        "operation": "preserve"
      }
    }
  },
  {
    "tn": "2085161534",
    "portOutPinOperation": "preserve",
    "tnNoteOperation": "preserve",
    "forwardToOperation": "preserve",
    "endUser": {
      "typeOfService": "B",

```

```

    "operation": "preserve"
  },
  "tnFeature": {
    "callerId": {
      "callingNameOperation": "preserve",
      "cnamDipOperation": "preserve"
    },
    "directoryListing": {
      "operation": "preserve"
    },
    "e911": {
      "operation": "preserve"
    },
    "messaging": {
      "operation": "preserve"
    }
  }
},
{
  "tn": "2085161535",
  "portOutPinOperation": "preserve",
  "tnNoteOperation": "preserve",
  "forwardToOperation": "preserve",
  "endUser": {
    "typeOfService": "B",
    "operation": "preserve"
  },
  "tnFeature": {
    "callerId": {
      "callingNameOperation": "preserve",
      "cnamDipOperation": "preserve"
    },
    "directoryListing": {
      "operation": "preserve"
    },
    "e911": {
      "operation": "preserve"
    },
    "messaging": {
      "operation": "preserve"
    }
  }
}
]
}
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1534971
}

```


Modify Active Telephone Number DNO (Do Not Originate)

POST /tnDno

This operation allows you to modify the DNO status of active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnList	Contains active telephone number(s) to update assigned trunk group	Yes
tnItem	Contains active telephone number(s) to update assigned trunk group	Yes
tn	Ten-digit telephone number to change trunk group (e.g. 8156680000)	Yes
dno	Update Do Not Originate value for the Tn Number; acceptable values are Y and N	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	408 - Private Key cannot be blank.	String
	409 -Invalid TN submitted: (Tn List	String
	410 -DB Error	String
	414 – Fields are required	
	431 - Unable to complete the request at the moment, please try again.	String
	430 - No Result Found	String
	432- TN Excluded	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDno HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "3123489653",
        "dno": "Y"
      }
    ]
  }
}
```

```

    }
  ]
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1026471
}

```

Modify Active Telephone Number Add or Remove Alternative SPID

POST /tnAltSpid

This operation allows you to add or remove alternative SPID of active (In Service) telephone numbers assigned to your company. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response along with the order number (if applicable). Validation for larger orders is backgrounded as documented in the [Order Validation](#) section.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnList	Contains active telephone number(s) to update assigned trunk group	Yes
tnItem	Contains active telephone number(s) to update assigned trunk group	Yes
tn	Ten-digit telephone number to change trunk group (e.g. 8156680000)	Yes
altSpid	Alternate SPID	Yes
removeAltSpid	acceptable values are Y and N	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	408 - Private Key cannot be blank.	String
	409 -Invalid TN submitted: (Tn List	String
	410 -DB Error	String
	414 – Fields are required	

431 - Unable to complete the request at the moment, please try again.	String
430 - No Result Found	String
432- TN Excluded	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnAltSpid HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "3123489653",
        "altSpid": "1234567890",
        "removeAltSpid": "N"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026471"
}
```

International Voice Services

The following API calls allow you to manage your international telephone numbers. These calls allow you to search, buy, manage and disconnect telephone numbers in other countries outside of the United States and Canada.:

- [POST /intlCountryList](#)
- [POST /intlAreaCodeInfo](#)
- [POST /intlPrefixList](#)
- [POST /intlRoutingOptionList](#)
- [POST /intlExcludedTnList](#)
- [POST /intlTnAddNote](#)
- [POST /intlNumberTypes](#)
- [POST /intlOrderAddContactNote](#)
- [POST /intlOrderAddNote](#)
- [POST /intlOrderAddDocument](#)
- [POST /intlOrderCancel](#)
- [POST /intlOrderDocument](#)
- [POST /intlOrderDocumentDownload](#)
- [POST /intlTnReserve](#)
- [POST /intlOrderList](#)
- [POST /intlPortInOrder](#)
- [POST /intlPortInOrderList](#)
- [POST /intlTnDetail](#)
- [POST /intlTnDisconnect](#)
- [POST /intlTnAddDocument](#)
- [POST /intlTnDocumentDownload](#)
- [POST /intlTnEnduser](#)
- [POST /intlTnInventory](#)
- [POST /intlTnNoteUpdate](#)
- [POST /intlTnOrder](#)
- [POST /intlOrderDetail](#)
- [POST /intlTnRequest](#)
- [POST /intlTnReservedList](#)
- [POST /intlTnRoutingUpdate](#)
- [POST /intlTnUpdate](#)
- [POST /intlConditionList](#)

Supported Country List

POST /intlCountryList

This operation retrieves the list of countries that are supported by Inteliquent and there is inventory of telephone numbers available for customers to place orders..

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type	
status	Indicates whether the API call was successful. Values: Success or Failure	String	
statusCode	200 - Successful	String	
	414 - Fields Are Required:(All Required Fields)	String	
	431 - Unable to complete the request at the moment, please try again.	String	
	408 - Private Key cannot be blank.	String	
	409 - Invalid Input Parameters:(Input Fields)	String	
	411 - Unknown Error	String	
	410 - DB Error:(Database Error)	String	
countryList	414 - International Order is not allowed for customer	String	
	List containing countries supported.	List	
	countryName	Country Name.	String
	countryRef	3 Character ISO abbreviation for the country.	String
countryCode	Country's phone access code.	String	

Example Request 1 – Get the country list:

```
POST https://services.inteliquent.com/Services/1.0.0/intlCountryList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8_Aa"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "countryList": [
    {
      "countryName": "France",
```

```

    "countryRef": "FRA",
    "countryCode": "33"
  },
  {
    "countryName": "Netherlands",
    "countryRef": "NLD",
    "countryCode": "31"
  },
  {
    "countryName": "Spain",
    "countryRef": "ESP",
    "countryCode": "34"
  },
  {
    "countryName": "United Kingdom",
    "countryRef": "GBR",
    "countryCode": "44"
  }
]
}

```

Supported Area Codes

POST /intlAreaCodeInfo

This operation allows you to retrieve supported area codes for a given country.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
countryRef	Country ISO3 code for which the area code list needs to be retrieved	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
areaCodeList	414 - International Order is not allowed for customer List containing Area Codes for the country queried.	String List

countryRef	Country ISO3 code for which the area codes are being queried.	String
areaCode	Area code for the region.	String
city	City for the area code	String
prefix	TN Prefix for the area	String

Example Request 1 – Get Area Code List:

```
POST https://services.inteliquent.com/Services/1.0.0/intlAreaCodeInfo HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "FRA"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "areaCodeList": [
    {
      "countryRef": "FRA",
      "areaCode": "5",
      "city": "Bordeaux",
      "prefix": "335"
    },
    {
      "countryRef": "FRA",
      "areaCode": "3",
      "city": "Boulogne",
      "prefix": "333"
    },
    {
      "countryRef": "FRA",
      "areaCode": "2",
      "city": "Brest",
      "prefix": "332"
    },
    {
      "countryRef": "FRA",
      "areaCode": "495",
      "city": "Corsica",
      "prefix": "33495"
    },
    {
      "countryRef": "FRA",
      "areaCode": "4",
      "city": "Lyon",
      "prefix": "334"
    },
    {
      "countryRef": "FRA",
      "areaCode": "596",
      "city": "Martinique",

```

```

    "prefix": "33596"
  },
  {
    "countryRef": "FRA",
    "areaCode": "1",
    "city": "Paris",
    "prefix": "331"
  },
  {
    "countryRef": "FRA",
    "areaCode": "17",
    "city": "Paris (Ile de france)",
    "prefix": "3317"
  },
  {
    "countryRef": "FRA",
    "areaCode": "9",
    "city": "Personal Number",
    "prefix": "339"
  },
  {
    "countryRef": "FRA",
    "areaCode": "508",
    "city": "Sint Pierre And Miquelon",
    "prefix": "33508"
  },
  {
    "countryRef": "FRA",
    "areaCode": "97",
    "city": "Voip",
    "prefix": "3397"
  }
]
}

```

Supported Prefixes

POST /intlPrefixList

This operation allows you to retrieve the prefixes that are supported by Inteliquent for a given country and number type.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
countryRef	Country ISO3 code	Yes
numberTypeRef	Number Type Ref of the TN	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String

statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	425 – Partial Success	String
	411 - Unknown Error	String
	430 – No result found	
	410 - DB Error:(Database Error)	String
	414 - International Order is not allowed for customer	String
Prefixes	List containing prefix objects	
prefix	Prefix for country	String
city	City of prefix	String
countryRef	Country ISO3 code	String
numberTypeRef	Number Type Ref of the TN	String

Request:

```
{
  privateKey: "Abcd1FghIjK2314mno5pqrX6yzab",
  countryRef: "GBR",
  numberTypeRef: "IBTF"
}
```

Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "prefixes": {
    "prefix": "4480",
    "city": "Freephone",
    "countryRef": "GBR",
    "numberTypeRef": "IBTF"
  }
}
```

Supported Routing Options List

POST /intlRoutingOptionList

This operation allows you to retrieve supported routing options for the customer.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
countryRef	Country ISO3 code for which the area code list needs to be retrieved	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
intlRoutingOptionList	List containing routing options for the country queried by the customer.	List
routingOption	Routing Option name as configured for the customer	String

Example Request 1 – Get Routing Options List:

```
POST https://services.inteliquent.com/Services/1.0.0/intlRoutingOptionList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef":"FRA"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "intlRoutingOptionList":[
    {
      "routingOption":"Cleveland"
    },
  ],
}
```

```

    {
      "routingOption": "Voice Platform"
    }
  ]
}

```

Excluded TN List for an International Order

POST /intlExcludedTnList

This operation allows you to retrieve excluded TNs for a given international TN order.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
countryRef	Country ISO3 code for which the area code list needs to be retrieved	No*
orderId	Order number	No*
customerOrderReference	Customer Order Reference	No*
tn	Telephone number	No*

*A value must be sent for either tn or orderId or customerOrderReference. If the TN is specified, then the countryRef value must be specified as well.

Response:

Parameter	Description	Type	
status	Indicates whether the API call was successful. Values: Success or Failure	String	
statusCode	200 - Successful	String	
	414 - Fields Are Required:(All Required Fields)	String	
	431 - Unable to complete the request at the moment, please try again.	String	
	408 - Private Key cannot be blank.	String	
	409 - Invalid Input Parameters:(Input Fields)	String	
	411 - Unknown Error	String	
	414 - International Order is not allowed for customer	String	
	410 - DB Error:(Database Error)	String	
intlExcludedTnList	409 - Invalid TN submitted:(Tn List)	String	
intlExcludedTnList	excludedTnItem	List of excluded TNs for the query parameter.	List
	excludedTnItem	List of excluded TNs	List

orderId	Id for the routing option.	String
customerOrderReference	Routing Option name as configured for the customer	String
tn	TN that is excluded from the order	String
countryCode	Country Code	String
countryRef	Country ISO 3 Reference	String
excludedReason	Reason why the TN was excluded	String
insertDate	Date when the TN was excluded	DateTime
displayName	Name of the user who placed the order	

Example Request 1 – Get Excluded TN List:

```
POST https://services.inteliquent.com/Services/1.0.0/intlExcludedTnList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 123456,
  "countryRef": "FRA",
  "tn": "3323234567"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "intlExcludedTnList": {
    "excludedTnItem": [
      {
        "orderId": 1521299,
        "customerOrderReference": "test-mubeena",
        "tn": "31102005398",
        "countryRef": "NLD",
        "excludedReason": "TN canceled from order",
        "insertDate": "2020-11-25T00:00:00.000Z",
        "displayName": "Test, Test "
      }
    ]
  }
}
```

Add TN Notes

POST /intlTnAddNote

This operation allows you to add notes at the order level for international telephone numbers.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order number	Yes
tnNote	Note to be added	Yes
tnList	Telephone number List for which the note needs to be added	Yes
tnItem	Telephone number List for which the note needs to be added	Yes
tn	TN to which notes need to be added	Yes
tnNote	Note which needs to be added	Yes
countryRef	Country ISO 3 reference	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	414 - International Order is not allowed for customer	String
	409 - Invalid TN submitted:(Tn List)	String
	410 - DB Error:(Database Error)	String

Example Request 1 – Add Notes to a TN on an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnAddNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "tnNote":{
```

```

    "tnList":{
      "tnItem":[
        {
          "tn":"442033712323",
          "tnNote":"Test2",
          "countryRef":"GBR"
        }
      ]
    }
  }
}
    
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
}
    
```

Supported Number Types

POST /intlNumberTypes

This operation allows you to retrieve the number types that are supported by Inteliquent for a given country and for a given customer.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
countryRef	Country ISO 3 reference	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	414 - tnNote must not exceed 4000 characters for TN/s:	String

numberTypeList	List of number types	Array
numberType	Number Type of the TN	String
numberTypeRef	Number Type Ref of the TN	String

Example Request 1 – Add Notes to a TN on an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlNumberTypes HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "countryRef": "FRA"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "numberTypeList": [
    {
      "numberType": "Inbound DID",
      "numberTypeRef": "INBDID"
    }
  ]
}
```

Add Order Level Contact As a Note

POST /intlOrderAddContactNote

This operation allows you to add order contact information as note at order level.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to which the contact note needs to be added	Yes
orderNote	The actual Note that needs to be added to the order	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	408 - orderNote must not exceed 4000 characters.	String
noteId	ID assigned to the note	String

Example Request 1 – Add Notes to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderAddContactNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "orderNote":"Order Contact Details:\r\nName: Mubeena Fatima\r\nWork Phone:
1111111111\r\nEmail: mubeena.fatima@inteliquent.com"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "noteId": "23456789"
}
```

Add Order Level Note

POST /intlOrderAddNote

This operation allows you to add order level notes.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to which the contact note needs to be added	No*
customerOrderReference	Customer Order Reference	No*

orderNote The actual Note that needs to be added to the order Yes

*A value must be sent for either orderId or customerOrderReference

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	408 - orderNote must not exceed 4000 characters.	String
noteId	ID assigned to the note	String

Example Request 1 – Add Notes to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderAddNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "orderNote":"Order Contact Details:\r\nName: Mubeena Fatima\r\nWork Phone:
1111111111\r\nEmail: mubeena.fatima@inteliquent.com"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status":"Success",
  "statusCode":"200",
  "noteId": "23456789"
}
```

Add Order Level Documents

POST /intlOrderAddDocument

This operation allows you to add order level documents.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to which the contact note needs to be added	No*
customerOrderReference	Customer Order Reference	No*
document	Main container for document information	Yes
fileName	Name of the file	Yes
mimeType	Mime type of the file. Examples are "image/png"	Yes
fileContent	Base64 encoded contents of the file bytes	Yes

*A value must be sent for either orderId or customerOrderReference

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
documentId	ID assigned to the document	String

Example Request 1 – Add document to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderAddDocument HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1521833,
  "document": {
    "fileName": "name sample.jpg",
    "mimeType": "image/jpeg",
```

```
"fileContent": "/9j/4AAQSkZJRgABAQEASABIAAD/4QmMRXhpZgAATU0AKgAAAAgABwEOAAIAAADAAAAAYgESAAMAAA
BAAEAAAEAAIAAAARAAABIAodpAAQAAAABAAABNJybAAEAAAEIAAADgJyeAAEAAAN+AAAEiJyfAAEAAAF+AAAIbgAAAAAQY
XNzcG9ydC4gU2FtcGx1IGRhdGEgcGVyc29uYWwgGcGFnZSwgZmVtYXV1IGludGVybmF0aw9uYWwgGcGFzc3BvcnQgd2l0aCB
waG90by4gSWRlbnRpdHkgYm1vbWV0cm1jIGNvbnRyb2wgZG9jdW11bnQsIHZlY3RvcjB0ZW1wbGF0ZS4gSWxsdXN0cmF0a
W9uIGRvY"
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "documentId": "39459319-6c5a-4438-a9ad-b66307ab2c9e"
}
```

Cancel Order

POST /int10orderCancel

This operation allows you to cancel a PENDING order.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to which the contact note needs to be added	No*
customerOrderReference	Customer Order Reference	No*

*A value must be sent for either orderId or customerOrderReference

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String

Example Request 1 – Add Notes to an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderCancel HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1521833
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Retrieve Order Document List

POST /intlOrderDocument

This operation allows you to retrieve documents attached to an existing order.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

*A value must be sent for either orderId or customerOrderReference

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
orderDocumentList	List of documents.	Object
orderDocument	List of documents	List

fileName	Name of uploaded file.	String
documentId	Unique ID of Document which can be used for download the same	String
insertDate	Date when the TN was excluded	Date Time
insertUser	Name of the user who placed the order	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 43212313,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDocumentList": {
    "orderDocument": [
      {
        "documentId": "912ffaa3-2e5e-4b8b-9464-75922d15cd8f",
        "fileName": "Test.docx",
        "insertDate": "2020-12-10T00:00:00.000Z",
        "insertUser": "test user",
      }
    ]
  }
}
```

Download Order Document

POST /intlOrderDocumentDownload

This operation allows you to download document attached to an existing order.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	Yes
documentId	Document Id	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	430 - No Result Found	String
401 - Unable to parse http response(IO Exception)	String	
document	Document Details	Object
fileName	Name of uploaded file	String
mimetype	Type of file	String
fileContent	Base64 encoded document content	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDocumentDownload HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 43212313,
  "documentId": "912ffaa3-2e5e-4b8b-9464-75922d15cd8f"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "document": {
    "fileName": "Test.docx",
    "mimeType": "text/plain",
    "fileContent": "//5SAGUAcQB1AGUAcwB0ACAAbQB1AHQAaABvAGQA0gAJAFAATwBTAFQADQAKAFIAZQBxAHUAZQBzAHQ
    AIABwAGEAdABoADoACQBoAHQAdABwADoALwAvAGkAdABjAGgAaQBsADEAMQAYADoAQQA5ADkAQQA0QAvAFMAZQBvAHYAaQBjA
    GUAcwBBAFAASQAvAHIAZQBzAHQALwBzAGUAcgB2AGkAYwB1AHMALwB2ADIALwBvAHIAZAB1AHIAQQBkAGQARABvAGMAdQB
    tAGUAbgB0AA0ACgBQAHAIAbwB4AHkA0gAJAAkACQA8AG4AbwBuAGUAPgANAAoAUgB1AHEAdQB1AHMAAdAAgAHAAYQByAGEAb
    QBzADoACQA8AG4AbwBuAGUAPgANAAoAUQB1AGUAcgB5ACAACABhAHIAyQBtAHMA0gAJADwAbgBvAG4AZQA+AA0ACgBGAG8
    AcgBtACAACABhAHIAyQBtAHMA0gAJADwAbgBvAG4AZQA+AA0ACgBQAGEAdABoACAACABhAHIAyQBtAHMA0gAJADwAbgBvA
    G4AZQA+AA0ACgBNAHUAbAB0AGkAcABhAHIAAdABzADoACQAJADwAbgBvAG4AZQA+AA0ACgBIAGUAYQBkAGUAcgBzADoACQA
```

```
JAEEdQB0AGgAbwByAGkAegBhAHQAaQBvAG4APQBCAGUAYQByAGUAcgAgAG4AdQBzAGwADQAKAAKACQAJAAKAQQBjAGMAZ
QBwAHQAPQAcAC8AKgANAAoACQAJAAKACQBdAG8AbgB0AGUAbgB0AC0AVAB5AHAAZQA9AGEAcABwAGwAaQBjAGEAdABpAG8
AbgAvAGoAcwBvAG4A0wAgAGMAaABhAHIAcwb1AHQAPQBVAFQARGAtAdgADQAKAEMAbwBvAGsAaQB1AHMA0GJAAKASgBTA
EUUwBTAEkATwBOAEkARAA9ADIANAA2ADcAMwBiAGUANQAtAGMAZQB1ADEALQA0ADEANQA2AC0AOQB1ADUANwAtADAANwA
yADUAZA0ADIANwA2AGIAZQA4AA0ACgBCAG8AZAB5ADoADQAKAHsADQAKACAAIAAgACAAIgbwAHIAaQB2AGEAdAB1AEsAZ
QB5ACIAOgAgACIAWAB1AEsAdQA0ADcAZQBDAHgAbgBoAHUAWAA2AEUAVABKAFgAVwBBAEQAQQBOAEQAaQAxAHkAMwAiAcw
ADQAKACAAIAAgACAAIgbvAHIAZAB1AHIASQBkACIAOgAgACIAMQA0ADkAOQAwADEAOAAiACwADQAKACAAIAAgACAAIgbJjA
HUAcwB0AG8AbgB1AHIAtwByAGQAZQByAFIAZQBmAGUAcgB1AG4AYwB1ACIAOgAgAG4AdQBzAGwALAANAAoAIAAgACAAIAA
iAGQAbwBjAHUAbQB1AG4AdABOAGEAbQB1ACIAOgAgACIASABhAHAACAB5AEwAaQB0AHQAbAB1AEYAAQBzAGUALgB0AHgAd
AAiACwADQAKACAAIAAgACAAIgbkAG8AYwB1AG0AZQBwAHQARAB1AHMAYwByAGkAcAB0AGkAbwBuACIAOgAgACIASABhAHA
AcAB5ACAAbABpAHQAdABsAGUAIABkAGUAcwBjAHIAaQBwAHQAaQBvAG4AIgAsAA0ACgAgACAAIAAgACIAZgBpAGwAZQBDA
G8AbgB0AGUAbgB0ACIAOgAgACIAUwBHAEYAdwBjAEgAawBnAFQARwBsADAAZABHAHgAbABJAEUAWgBwAGIARwBVAE4AQwB
nADAASwBRADMASgBsAFkAWABSAGwAWgBDAEIAaQB1AFMAQgBTAFoAWABOADAASQBF AEYAUQBTAfMAQgBVAFoAWABOADAAS
QBGAEIAaABZADIAAdBoAFoAMgBVAHUARABRAG8APQAiAA0ACgB9AA0ACgBIAFQAVABQAC8AMQAUwADEAIAAyADAAMAANAo
AWAAtAEMAbwBuAHQAZQBwAHQALQBUAHkAcAB1AC0ATwBwAHQAaQBvAG4AcwA6ACAAbgBvAHMAbgBpAGYAZgANAAoAWAAtA
FgAUwBTAC0AUABYAG8AdAB1AGMAdABpAG8AbgA6ACAAMQA7ACAABQBvAGQAZQA9AGIAbABvAGMAawANAAoAQwBhAGMAaAB
1AC0AQwBvAG4AdABYAG8AbAA6ACAAbgBvAC0AYwBhAGMAaAB1ACwAIABuAG8ALQBzAHQAbwByAGUALAAgAG0AYQB4AC0AY
QBrnAGUAPQAwACwAIABtAHUAcwB0AC0AcgB1AHYAYQBsAGkAZABhAHQAZQANAAoAUABYAGEAZwBtAGEA0gAgAG4AbwAtAGM
AYQBJAgGAZQANAAoARQB4AHAAaQByAGUAcwA6ACAAMAANAoAWAAtAEYAcgBhAG0AZQAtAE8ACAB0AGkAbwBuAHMA0gAgA
EQARQBOAFkADQAKAEMAbwBuAHQAZQBwAHQALQBUAHkAcAB1ADoAIABhAHAACABsAGkAYwBhAHQAaQBvAG4ALwBqAHMAbwB
uAA0ACgBDAG8AbgB0AGUAbgB0AC0ATAB1AG4AZwB0AGgA0gAgADYAMQANAAoARABhAHQAZQA6ACA0VAB1AGUALAAgADIAM
QAgAEoAYQBwACAAmGAWADIAMAAgADEANQA6ADQANAA6ADAAMwAgAeCATQBUA0ACgB7AA0ACgAgACAAIAAgACIAcwb0AGE
AdAB1AHMAIga6ACAAIgbT AHUAYwBjAGUAcwBzACIALAANAoAIAAgACAAIAAIAHMAAdABhAHQAdQBzAEMAbwBkAGUAIgA6A
CAAIgAyADAAMAAiACwADQAKACAAIAAgACAAIgbkAG8AYwB1AG0AZQBwAHQASQBkACIAOgAgACIAMwA0ADIAMAA2ADEAIgA
NAAoAfQANAAoAUgB1AHMAcABvAG4AcwB1ACAAUwB0AGEAdAB1AHMAIABDAG8AZAB1ACAA0gAgADIAMAAWAA0ACgBSAGUAc
wBwAG8AbgBzAGUAIABTAGUAcwBzAGkAbwBuACAASQBEACAA0gAgAG4AdQBzAGwADQAKAFIAZQBzAHAAAbwBuAHMAZQAfQ
AaQBtAGUAIABNAGkAbABsAGkAcwB1AGMAbwBuAGQAcwAgADoAIAAxADAAMQA="
}
}
```

Reserve International Numbers

POST /intlTnReserve

This operation allows you to reserve international numbers prior to ordering them. Numbers (up to a maximum) will be reserved for up to 30 minutes before they are released back into inventory.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnReserve	Contains TN information	Yes
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Country specific number requested (e.g. 443156683230)	Yes
countryRef	Country value (e.g. GBR)	Yes
numberTypeRef	Number type ref of the TN	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
intlTnReserveResponse	Reserved Numbers Response	Object
totalITnCount	Total Numbers Count	Integer
reservedITnCount	Reserved Numbers Count	Integer
excludedTnList	Excluded Tn List	Object
tn	Excluded Number	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/intlTnReserve HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab",
  "tnReserve": {
    "tnList": {
      "tnItem": [
        {
          "tn": "442015540010",
          "countryRef": "GBR",
          "numberTypeRef": "IB"
        },
        {
          "tn": "442015540011",
          "countryRef": "GBR",
          "numberTypeRef": "IB"
        }
      ]
    }
  }
}

```


Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "intlTnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 5
  }
}
```

Example Response:

```
{
  "status": "Success",
  "statusCode": "200",
  "intlTnReserveResponse": {
    "totalTnCount": 5,
    "reservedTnCount": 3,
    "excludedTnList": [
      {"tn": "442015540013" },
      {"tn": "442015540013" }
    ]
  }
}
```

Retrieve International Order List

POST /intlOrderList

This operation allows you to obtain a list of your existing international number orders with Inteliquent.

Parameter	Description	Required								
privateKey	API key required to validate your application	Yes								
orderId	Existing order number	No								
customerOrderReference	Alphanumeric order reference name	No								
serviceOrderReference	Order type; acceptable values include:	No								
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>NEW</td> <td>New number order (inventory, load, or port-in)</td> </tr> <tr> <td>DISCO</td> <td>Disconnect number order</td> </tr> <tr> <td>CHANGE</td> <td>Trunk group/routing update or feature change order</td> </tr> </tbody> </table>	Value	Description	NEW	New number order (inventory, load, or port-in)	DISCO	Disconnect number order	CHANGE	Trunk group/routing update or feature change order	
Value	Description									
NEW	New number order (inventory, load, or port-in)									
DISCO	Disconnect number order									
CHANGE	Trunk group/routing update or feature change order									
orderStatus	Order status; acceptable values include:	No								
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INCOMPLT</td> <td>Incomplete</td> </tr> <tr> <td>PENDING</td> <td>Pending</td> </tr> <tr> <td>PCNCL</td> <td>Pending Cancel</td> </tr> </tbody> </table>	Value	Description	INCOMPLT	Incomplete	PENDING	Pending	PCNCL	Pending Cancel	
Value	Description									
INCOMPLT	Incomplete									
PENDING	Pending									
PCNCL	Pending Cancel									

	CNCL	Canceled	
	CLSD	Closed	
countryRef	Country value (e.g. GBR)		No
tn	International number (e.g. 4432333566823123)		No
createdDateStartRange	Earliest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)		No
createdDateEndRange	Latest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)		No
pageSort	Contains sorting and pagination parameters		No
property	Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate		No
direction	Result sort direction; acceptable values are asc, desc		No
size	Result page size; integer value		No
page	Result page number; integer value		No
searchId	searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response		No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
orderList	Order List Response	Object
orderType	Contains list of orders	List
orderId	Order Id	Integer
orderStatus	Status of order	String
customerOrderReference	Customer Order Reference provided for given order	String
serviceOrderName	Type of Order (Values: New, Change, Disconnect)	String

desiredDueDate	Desired Due Date	String
tnQuantity	Numbers count on given order	Integer
createdDate	Order submitted date	String
createdUser	Order submitted user	String
page	Current page number	Integer
totalPages	Total page count	Integer
totalItems	Total Order count	Integer
searchId	Reference of search request	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
  "createdDateStartRange": "2020-12-10T00:00:00.000Z",
  "createdDateEndRange": "2020-12-12T00:00:00.000Z",
  "serviceOrderReference": "NEW",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 43026470,
        "orderStatus": "New",
        "customerOrderReference": "IntlTestOrder1234",
        "serviceOrderName": "New",
        "desiredDueDate": "2020-12-20T00:00:00.000Z",
        "tnQuantity": 1,
        "createdDate": "2020-12-10T00:00:00.000Z",
        "createdUser": "Test User"
      }
    ]
  },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "141213799652"
}
```

Order International Port-In Numbers

POST /intlPortInOrder

This operation allows you to create an order to port international numbers from another carrier into the Inteliquent network.

Value	Description	Required
privateKey	API key required to validate your application	Yes
portInOrder	Contains order details for port-in international numbers	Yes
customerOrderReference	Alphanumeric order reference name	No
desiredDueDate	Desired due date for the port-in (e.g. 2020-12-20T00:00:00.000Z)	Yes
tnList	Contains telephone number(s) to be ported in	Yes
tnItem	Contains telephone number(s) to be ported in	Yes
countryRef	Country Abbreviation of numbers being ported(eg:GBR)	Yes
numberTypeRef	Number type ref of the TN	Yes
tn	Ten-digit telephone number (e.g. 443256680000)	Yes
routingOption	Desired routing option to assign number	Yes
tnNote	Optional note value to be stored on the number	No
endUserData	End User details for specified number	Yes
label	Label of End User Info (e.g: Company Name)	Yes
value	Value for mentioned label (e.g: Amazon Inc)	Yes
mandatory	Required label flag (e.g: True or false)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	432 - TN Excluded	String
	425 - Partial Success	String

	409 - Invalid TN submitted:(Tn List)	String
orderId	Order Id	Integer

Example Request:

POST https://services.inteliquent.com/Services/1.0.0/intlPortInOrder HTTP/1.1
 Authorization: Bearer a12b34567c89012def34g56789hi0j12

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portInOrder": {
    "customerOrderReference": "IntlTestOrder321",
    "desiredDueDate": "2020-12-20T00:00:00.000",
    "tnList": {
      "tnItem": [ {
        "countryRef": "GBR",
        "numberTypeRef": "IB",
        "tn": "443059891246",
        "routingOption": "Voice Platform",
        "tnNOte": "Test Note",
        "endUserData": [
          {
            "label": "Company name",
            "mandatory": true,
            "value": "Eiffel Tower"
          },
          {
            "label": "Streetname",
            "mandatory": true,
            "value": "Champ De Mars"
          },
          {
            "label": "Street-number",
            "mandatory": true,
            "value": "11"
          },
          {
            "label": "Zipcod2",
            "mandatory": true,
            "value": "767429"
          },
          {
            "label": "City",
            "mandatory": true,
            "value": "Paris"
          },
          {
            "label": "Country",
            "mandatory": true,
            "value": "France"
          }
        ]
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "orderId": "43256",
  "statusCode": "200",
  "status": "Success"
}
```

Retrieve International Port-In Order List

POST /intlPortInOrderList

This operation allows you to obtain a list of your existing international port-in orders with Inteliquent.

Parameter	Description	Required												
privateKey	API key required to validate your application	Yes												
orderId	Existing order number	No												
customerOrderReference	Alphanumeric order reference name	No												
orderStatus	Order status; acceptable values include:	No												
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INCOMPLT</td> <td>Incomplete</td> </tr> <tr> <td>PENDING</td> <td>Pending</td> </tr> <tr> <td>PCNCL</td> <td>Pending Cancel</td> </tr> <tr> <td>CNCL</td> <td>Canceled</td> </tr> <tr> <td>CLSD</td> <td>Closed</td> </tr> </tbody> </table>	Value	Description	INCOMPLT	Incomplete	PENDING	Pending	PCNCL	Pending Cancel	CNCL	Canceled	CLSD	Closed	
Value	Description													
INCOMPLT	Incomplete													
PENDING	Pending													
PCNCL	Pending Cancel													
CNCL	Canceled													
CLSD	Closed													
countryRef	Country value (e.g. GBR)	No												
tn	International number (e.g. 4432333566823123)	No												
createdDateStartRange	Earliest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)	No												
createdDateEndRange	Latest order creation date to return (e.g. 2020-12-10T00:00:00.000Z)	No												
pageSort	Contains sorting and pagination parameters	No												
property	Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate	No												
direction	Result sort direction; acceptable values are asc, desc	No												
size	Result page size; integer value	No												
page	Result page number; integer value	No												
searchId	searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response	No												

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
orderList	Order List Response	Object
orderType	Contains list of orders	List
orderId	Order Id	Integer
orderStatus	Status of order	String
customerOrderReference	Customer Order Reference provided for given order	String
serviceOrderName	Type of Order (Values: New, Change, Disconnect)	String
desiredDueDate	Desired Due Date	String
focDate	Port Date	String
tnQuantity	Numbers count on given order	Integer
createdDate	Order submitted date	String
createdUser	Order submitted user	String
page	Current page number	Integer
totalPages	Total page count	Integer
totalItems	Total Order count	Integer
searchId	Reference of search request	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/intlPortInOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
  "createdDateStartRange": "2020-12-10T00:00:00.000Z",
  "createdDateEndRange": "2020-12-12T00:00:00.000Z",
  "serviceOrderReference": "NEW",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}

```

```
}
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 43026470,
        "orderStatus": "New",
        "customerOrderReference": "IntlTestOrder1234",
        "serviceOrderName": "New",
        "desiredDueDate": "2020-12-20T00:00:00.000Z",
        "focDate": "2020-12-25T00:00:00.000Z",
        "tnQuantity": 1,
        "createdDate": "2020-12-10T00:00:00.000Z",
        "createdUser": "Test User"
      }
    ]
  },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "141213799652"
}
```

Retrieve International Telephone Number Detail

POST /intlTnDetail

This operation allows you to obtain retrieve details about the features enabled on a telephone number with Inteliquent.

Parameter	Description	Required								
privateKey	API key required to validate your application	Yes								
tnSearchList	Contains one or more set of search criteria	Yes								
tnSearchItem	Contains one or more set of search criteria	Yes								
countryRef	Country Abbreviation of numbers being searched (eg:GBR)									
tnMask	Ten-digit telephone number (e.g. 3256680000)	Yes								
tnStatus	Telephone number status; acceptable values include	No								
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INSVC</td> <td>In Service</td> </tr> <tr> <td>PNDNG</td> <td>Pending</td> </tr> <tr> <td>PDISC</td> <td>Pending Disconnect</td> </tr> </tbody> </table>	Value	Description	INSVC	In Service	PNDNG	Pending	PDISC	Pending Disconnect	
Value	Description									
INSVC	In Service									
PNDNG	Pending									
PDISC	Pending Disconnect									
numberType	Search for TNs based on their number types	No								
routingOption	Search for TNs based on their routing options	No								

pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
tnList	Tn Detail List Response	Object
tnItem	Contains list of TNs	List
countryRef	Country Abbreviation of numbers being ported(eg:GBR)	String
tn	Ten-digit telephone number (e.g. 443256680000)	String
routingOption	Routing Option name as configured for the customer	String
numberType	Number type of the TN	String
status	Telephone number status	String
endUserData	End User details for specified number	List
label	Label of End User Info (e.g: Company Name)	String
value	Value for mentioned label (e.g: Amazon Inc)	String
mandatory	Required label flag (e.g: True or false)	Boolean
page	Current page number	Integer
totalPages	Total page count	Integer
totalItems	Total Order count	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnSearchList": {
    "tnSearchItem": [
      {
        "countryRef": "FRA",
        "tnMask": "xxxxxxxxxxxx"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": "33970635004",
        "routingOption": "Cleveland",
        "status": "In Service",
        "numberType": "Inbound DID",
        "endUserData": [
          {
            "label": "Company name",
            "mandatory": true,
            "value": "Eiffel Towe"
          },
          {
            "label": "Streetname",
            "mandatory": true,
            "value": "Champ De Mars"
          },
          {
            "label": "Street-number",
            "mandatory": true,
            "value": "66"
          },
          {
            "label": "Zipcode",
            "mandatory": true,
            "value": "606091"
          },
          {
            "label": "City",
            "mandatory": true,
            "value": "Paris "
          },
          {
            "label": "Country",
            "mandatory": true,
            "value": "France"
          }
        ]
      }
    ]
  }
}
```

```

    }
  ],
  "countryRef": "FRA"
}
]
}
}

```

Disconnect Active International Telephone Number

POST /intlTnDisconnect

This operation allows you to disconnect active (In Service) telephone numbers assigned to your company.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
customerOrderReference	Customer Order Reference	Yes
tnList	Contains one or more active TNs to disconnect	Yes
tnItem	Contains one or more active TNs to disconnect	Yes
countryRef	Country Abbreviation of numbers being searched (eg:GBR)	
tn	Ten-digit telephone number (e.g. 443256680000)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	432 - TN Excluded	String
	425 - Partial Success	String
409 - Invalid TN submitted:(Tn List)	String	
orderId	Disconnect Order Id	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnDisconnectHTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "countryRef": "FRA",
        "tn": "331234567890"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}
```

Add International Telephone Number Documents

POST /intlTnAddDocument

This operation allows you to add a document to an ordered TN.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Order number	No*
customerOrderReference	Customer Order Reference	No*
tnList	Contains one or more TNs for which documents are required	Yes
tnItem	Contains one or more TNs for which documents are required	Yes
countryRef	Country Abbreviation of numbers being searched (eg:GBR)	
tn	Ten-digit telephone number (e.g. 443256680000)	Yes
numberTypeRef	Type of Telephone number	Yes
documents	Contains list of documents per TN	Yes
conditionTypeRef	Condition type ref for document	Yes
conditionName	Name of condition for the document	Yes

fileName	Name of the file	Yes
mimeType	Mime type of the file	Yes
fileContent	Base64 encoded contents of file	Yes

*A value must be sent for either `orderId` or `customerOrderReference`. If the TN is specified, then the `countryRef` value must be specified as well.

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	409 - Invalid TN submitted:(Tn List)	String
tnList	Tn Document Response	Object
tnItem	Contains list of TNs	List
tn	Ten-digit telephone number (e.g. 443256680000)	String
documents	List of documents uploaded	List
filename	Name of uploaded document	String
mimeType	Mime type of the uploaded document	String
conditionName	Name of condition mapped to this document	String
documentId	Unique Id generated for this document	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnAddDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "VquwoVKHEBifYoPCp6oT4IpJEx1a",
  "orderId": 1521263,
  "tnList": {
    "tnItem": [
      {
        "tn": "33970635012",
        "countryRef": "FRA",
        "numberTypeRef": "IB",
        "documents": [
          {
            "conditionTypeRef": "19",
```

```

        "conditionName": "Proof of in region address",
        "fileName": "passport.pdf",
        "mimeType": "application/pdf",
        "fileContent": "VGhpcyBpcyBhIHRlc3QgZG9j"
    }
  ]
}
]
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "intlTnDocumentResponse": {
    "tnList": {
      "tnItem": [
        {
          "tn": "33970635012",
          "documents": [
            {
              "fileName": "passport.log",
              "mimeType": "application/pdf",
              "conditionName": "Proof of in region address",
              "documentId": "7bd16fa1-16c1-44a5-b9db-1f5561143ae6"
            }
          ]
        }
      ]
    }
  }
}
}
}

```

Download International Telephone Number Documents

POST /intlTnDocumentDownload

This operation allows you to add a document to an ordered TN.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
documentId	Unique Id for document	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String

	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
intlTnDocumentDownloadResponse	Document Download Response	Object
document	Contains document	Object
filename	Name of uploaded document	String
mimeType	Mime type of the uploaded document	String
fileContent	Base64 encoded contents of file	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnDocumentDownload HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "documentId": "7bd16fa1-16c1-44a5-b9db-1f5561143ae6"}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "intlTnDocumentDownloadResponse": {
    "document": {
      "fileName": "passport.pdf",
      "mimeType": "application/pdf",
      "fileContent": "VGhpcyBpcyBhIHRlc3QgZG9j"
    }
  }
}
```

End User Details for International Telephone Number

POST /intlTnEnduser

This operation allows you to set end user details for telephone number

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Order Id	No*
customerOrderReference	Customer Order Reference	No*
tnList	Contains one or more active TNs to disconnect	Yes
tnItem	Contains one or more active TNs to disconnect	Yes
countryRef	Country Abbreviation of numbers being searched (eg:GBR)	Yes
tn	Ten-digit telephone number (e.g. 443256680000)	Yes
numberTypeRef	Number type of TN	Yes
endUserData	End User details for specified number	Yes
label	Label of End User Info (e.g: Company Name)	Yes
value	Value for mentioned label (e.g: Amazon Inc)	Yes
mandatory	Required label flag (e.g: True or false)	Yes

*A value must be sent for either `orderId` or `customerOrderReference`. If the TN is specified, then the `countryRef` value must be specified as well.

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	409 - Invalid TN submitted:(Tn List)	String
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnEnduser HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "portalUserId": 9000001,
  "orderId": 1521695,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242407",
        "countryRef": "GBR",
        "numberTypeRef": "IB",
        "endUserData": [
          {
            "label": "Company name",
            "mandatory": true,
            "value": "Inteliquent"
          },
          {
            "label": "Streetname",
            "mandatory": true,
            "value": "Bakers street"
          },
          {
            "label": "Street-number",
            "mandatory": true,
            "value": "221"
          },
          {
            "label": "Zipcode",
            "mandatory": true,
            "value": "123123"
          },
          {
            "label": "City",
            "mandatory": true,
            "value": "chicago"
          },
          {
            "label": "Country",
            "mandatory": true,
            "value": "US"
          }
        ]
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"}
```

Search International Telephone Number Inventory

POST /intlTnInventory

This operation allows you to search for international telephone numbers in Inteliquent inventory

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
countryRef	Search for TNs based on their country code (eg. GBR)	No
numberType	Search for TNs based on their number types	Yes
prefix	Prefix of number in requested city	No
	Use intlAreaCodeInfo to search for prefix	
quantity	Quantity of TNs to be retrieved	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
tnResults	Tn Inventory List response	Object
tnList	Contains list of TN	Object
tnItem	Contains list of TNs	List
countryCode	Country Abbreviation of numbers being ported(eg:GBR)	String
tn	Ten-digit telephone number (e.g. 443256680000)	String
prefix	Prefix of TN	String
numberTypeRef	Number type of the TN	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "GBR",
  "numberTypeRef": "IB",
  "quantity": 1
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnResults": {
    "tnList": {
      "tnItem": [
        {
          "tn": "442045242397",
          "city": "London",
          "countryRef": "GBR",
          "numberType": "Inbound DID",
          "prefix": "4420"
        }
      ]
    }
  }
}
```

Update Note for Active International Telephone Numbers

POST /intlTnNoteUpdate

This operation allows you to add a note on your company's In-Service telephone numbers in Inteliquent inventory

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnNote	TN Note object	Yes
tnList	Contains one or more active TNs to disconnect	Yes
tnItem	Contains one or more active TNs to disconnect	Yes
countryRef	Country Abbreviation of numbers being searched (eg:GBR)	
tn	Ten-digit telephone number (e.g. 443256680000)	Yes
tnNote	Note text to apply to the number	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	432 - TN Excluded	String
	425 - Partial Success	String
	409 - Invalid TN submitted:(Tn List)	String
	414 - tnNote must not exceed 4000 characters for TN/s:	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/intlTnNoteUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnNote": {
    "tnList": {
      "tnItem": [ {
        "countryRef": "FRA",
        "tn": "33170710241",
        "tnNote": "test tn note"
      } ]
    }
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}

```

Order International Numbers

POST /intlTnOrder

This operation allows you to order international numbers.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnOrder	Contains order details for international numbers	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains telephone number(s) to be ordered	Yes
intlTnItem	Contains telephone number(s) to be ordered	Yes
countryRef	Country Abbreviation of numbers being ported(eg:GBR)	Yes
numberTypeRef	Number type on the Telephone number	Yes
tn	Telephone number (e.g. 443256680000)	Yes
routingOption	Desired routing option to assign number	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	409 - Invalid TN submitted:(Tn List)	String
	418 - Character limit is exceeded for:CustomerOrderReference	String
409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , { , >, =,], [, !	String	
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
orderId	Order Id	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnOrder": {
    "customerOrderReference": "gbr-test-8",
    "tnList": {
      "tnItem": [
        {
          "routingOption": "Voice Platform",
          "countryRef": "GBR",
          "numberTypeRef": "IB",
          "tn": "442045242409"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12346987
}
```

Retrieve Order Details

POST /intlOrderDetail

This operation allows you to get order details

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Order Id	Yes
customerOrderReference	Alphanumeric order reference name	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String

	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
orderDetailResponse	Order Detail Response	Object
tnList	Order Detail Response	Object
tnItem	Contains order number list	List
tn	Telephone number (e.g. 442054448452)	String
routingOption	Routing of telephone number	String
status	Status of telephone number	String
numberTypeRef	Number Type	String
endUserData	User details	Object
label	Required info label (e.g. Company name)	String
mandatory	Required flag for label	Boolean
countryRef	Country Code ISO3 (e.g. GBR)	String
orderId	Order Id	Integer
orderStatus	Status of order	String
productName	Name of the telephone number	String
serviceOrderName		String
customerOrderReference	Alphanumeric order reference name	String
createdUser	Order created by	String
desiredDueDate	Desired Due Date	String
orderNotes	Order Notes	List
note	Order Note	String
insertDate	Note Timestamp	String
insertUser	Note made by	String
conditions	Conditions	List
conditionTypeRef	Condition Type Ref	String
conditionName	Name of the condition	String
documentStatus	Status of the document for the condition	String
documentStatusRef	Ref value for status of document	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1521743,
  "customerOrderReference": "ref"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {
      "tnItem": [
        {
          "tn": "442045242409",
          "routingOption": "Routing Profile",
          "status": "Pending",
          "numberTypeRef": "IB",
          "endUserData": [
            {
              "label": "Company name",
              "mandatory": true
            },
            {
              "label": "Streetname",
              "mandatory": true
            },
            {
              "label": "Street-number",
              "mandatory": true
            },
            {
              "label": "Zipcode",
              "mandatory": true
            },
            {
              "label": "City",
              "mandatory": true
            },
            {
              "label": "Country",
              "mandatory": true
            }
          ],
          "countryRef": "GBR"
        }
      ]
    },
    "orderId": 1521743,
    "orderStatus": "Pending",
    "productName": "International Telephone Number",
    "serviceOrderName": "New",
  }
}
```



```

"customerOrderReference": "gbr-test-8",
"createdUser": "PORTAL1",
"desiredDueDate": "2020-12-10T00:00:00.000Z",
"orderNotes": [
  {
    "note": "test note 1",
    "insertDate": "2020-12-10T20:40:07.000Z",
    "insertUser": "User"
  }
],
"conditions": [
  {
    "conditionTypeRef": "19",
    "conditionName": "Private use: address details",
    "documentStatus": "No document uploaded",
    "documentStatusRef": "NODOC"
  }
]
}
}

```

Request Telephone Numbers

POST /intlInRequest

This operation allows you to request telephone numbers for desired quantity.

Value	Description	Required
privateKey	API key required to validate your application	Yes
countryRef	Country code ISO3 (e.g. GBR)	Yes
customerOrderReference	Alphanumeric order reference name	No
quantity	No. of telephone numbers required	Yes
routingOption	Telephone number routing	No
desiredDueDate	Desired due date	No
numberTypeRef	NumberType	No
prefix	Preferred area code	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String

408 - Private Key cannot be blank.	String
409 - Invalid Input Parameters:(Input Fields)	String
411 - Unknown Error	String
410 - DB Error:(Database Error)	String
408 - International Order is not allowed for customer	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "test request order",
  "quantity": 10,
  "routingOption": "Cleveland",
  "countryRef": "GBR",
  "desiredDueDate": "2020-10-01T00:00:00.000Z",
  "numberTypeRef": "IB",
  "prefix": "44121-Birmingham"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}
```

Retrieve Telephone Number Reserved List

POST /intlTnReservedList

This operation allows you to retrieve all telephone numbers that are currently reserved for the given customer.

Value	Description	Required
privateKey	API key required to validate your application	Yes
countryRef	Country value (e.g. GBR)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String

	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
tnReservedList	Telephone number list	List
tn	Telephone number (e.g. 4432989955)	String
countryRef	Country Code ISO3 (e.g. GBR)	String
numberType	Number type	String
productName	Product Name	String
city	Name of City	String
prefixType	Prefix Type	String
reservedUntil	Reserved till timestamp	String
prefix	Country + Area code (e.g. 4432)	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnReservedList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
  "countryRef": "GBR",
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnReservedList": [
    {
      "tn": "442045242399",
      "countryRef": "GBR",
      "numberType": "Inbound DID",
      "productName": "UNITED KINGDOM29 DID",
      "city": "London",
      "prefixType": "Geographic",
      "prefix": "4420",
      "reservedUntil": "2020-12-10T11:31:18.1170000"
    }
  ]
}
```

Update Telephone Number Routing

POST /intlTnRoutingUpdate

This operation allows you to update telephone number routing prior to the TN being IN SERVICE.

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Order Id	Yes
tnList	Contains telephone number list with routing option	Yes
tnItem	Contains telephone number list with routing option	Yes
tn	Telephone Number (e.g. 4432597549)	Yes
numberTypeRef	Number Type	Yes
routingOption	Routing Option	Yes
countryRef	Country Code ISO3 (e.g. GBR)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
	432 - TN Excluded	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnRoutingUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1521743,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242409",
        "numberTypeRef": "IB",
        "routingOption": "Cleveland",
        "countryRef": "GBR"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Update In Service Telephone Numbers

POST /intlTnUpdate

This operation allows you to update telephone number details after a telephone number is IN SERVICE.

Value	Description	Required
privateKey	API key required to validate your application	Yes
customerOrderReference	Customer Order Reference	No
tnList	Contains telephone number list with details	Yes
tnItem	Contains telephone number list with details	Yes
tn	Telephone Number (e.g. 4432597549)	Yes
routingOption	Routing Option	Yes
countryRef	Country Code ISO3 (e.g. GBR)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment,	String

please try again.

408 - Private Key cannot be blank.	String
409 - Invalid Input Parameters:(Input Fields)	String
411 - Unknown Error	String
410 - DB Error:(Database Error)	String
408 - International Order is not allowed for customer	String
There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
409 - Invalid TN submitted:(Tn List)	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference ": 1521743,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242409",
        "routingOption": "Cleveland",
        "countryRef": "GBR"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Retrieve List of Conditions for Telephone Numbers

POST /intlConditionList

This operation allows you to retrieve list of conditions for ordering TNs

Value	Description	Required
privateKey	API key required to validate your application	Yes
countryRef	Country value (e.g. GBR)	No
numberTypeRef	Number type of the TN	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	408 - International Order is not allowed for customer	String
	There was a problem fulfilling your request. Please contact the customer support team for assistance.	String
	409 - Invalid TN submitted:(Tn List)	String
conditions	List of conditions	List
countryRef	Country value (e.g. GBR)	String
numberTypeRef	Number type of the TN	String
conditionTypeRef	Identifier for the condition	String
conditionName	Name of the condition	String
conditionDescription	Description of the condition	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlConditionList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "countryRef": "GBR",
  "numberTypeRef": "IB"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "conditions": [
    {
      "countryRef": "GBR",
      "numberTypeRef": "IB",
      "conditionTypeRef": "1",
      "conditionName": "Business use: address details",
```

```

    "conditionDescription": "In case of business use, address details of the number-user are
required"
  },
  {
    "countryRef": "GBR",
    "numberTypeRef": "IB",
    "conditionTypeRef": "10",
    "conditionName": "Conference call only",
    "conditionDescription": "The number may only be used for conference call services"
  }
]
}

```

Port In

The following API calls are related to telephone number porting:

- [POST /portInAvailability](#)
- [POST /portInOrder](#)
- [POST /portInOrderAvailableActivation](#)
- [POST /portInOrderActivate](#)
- [POST /portInOrderTnList](#)
- [POST /portInOrderList](#)
- [POST /tnCsrLookup](#)

Check Telephone Number Porting Service Availability

POST /portInAvailability

This operation allows you to check porting service availability for telephone numbers. You may also choose to return the service provider and local routing number (LRN) for portable numbers.

Value	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
returnServiceProviderName	Enter true to return service provider and LRN; feature supported for portable numbers only	No
searchOnNetOnly	Return on-net portability only (Tier 0); Y or N	No
wireless	Retrieve wireline or wireless numbers; Accepted values are Y or N	No
tnList	Contains telephone number(s) to check portability	Yes
tnItem	Contains telephone number(s) to check portability	Yes
tn	Ten-digit telephone number to check portability (e.g. 8156680000)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	414 - Wireless not allowed for Customer	String
	409 - Invalid TN submitted:(Tn list)	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
410 - DB Error:(Database Error)	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInAvailability HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "returnServiceProviderName": true,
  "wireless": "Y",
  "tnList": {
    "tnItem": [
      {"tn": 3348789203 }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "serviceAvailable": [
    {
      "telephoneNumber": "3129578428",
      "isPortable": true,
      "serviceName": "Level 3- SVR:8824/1",
      "localRoutingNumber": "2246556199",
      "rateCenterTier": "0",
      "notPortableReason": ""
    }
  ]
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInAvailability HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "returnServiceProviderName": true,
  "wireless": "Y",
  "tnList": {
    "tnItem": [
      {"tn": 3348789203 }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Wireless not allowed for Customer",
  "statusCode": "414"
}
```

Order Port-In Telephone Number

POST /portInOrder

This operation allows you to create an order to port telephone numbers from another carrier into the Inteliquent network. Refer to the [Port-In Status](#) section for more information on port-in order updates.

Value	Description	Required
privateKey	API key required to validate your application	Yes
portInOrder	Contains order details for port-in telephone numbers	Yes
customerOrderReference	Alphanumeric order reference name	No
resellerName	Name of Reseller/Losing Carrier	No*
desiredDueDate	Desired due date for the port-in (e.g. 2015-12-15)	Yes
desiredPortTime	Desired port time in HH:MM (e.g. 14:00)	No
desiredPortTimeZone	Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT	No
onDemandActivation	On-demand activation is available for Tier 0, Tier 1, Wireless Tier A, CAN, HI, and PR with 500 or less TNs per losing carrier. <i>Tier 2 - US48 Off-Net and AK</i> are not eligible and will default to port at 9 am MST; Y or N	No
onNetOnly	Order on-net ports only; Y or N	No
tnList	Contains telephone number(s) to be ported in	Yes
tnItem	Contains telephone number(s) to be ported in	Yes
tn	Ten-digit telephone number (e.g. 8156680000)	Yes
trunkGroup	Desired trunk group to assign number (e.g. CHCGI_897)	No*

routingOption	Desired routing option to assign number (e.g. CHCGI_897)	No*
portOutPin	PIN for onnet port-out protection (Tier 0 & HI)	No
tnNote	Optional note value to be stored on the number	No
accountNum	Account number	Yes
atn	Account telephone number	Yes
accountPin	Alphanumeric account PIN or password	No
authName	Name of port-in authorizer	Yes
authDate	Date of port-in authorization, must be less than or equal to today's date (e.g. 2015-12-15)	Yes
endUser	End user information for the telephone number	Yes
name	End user name	Yes
streetNum	End user address street number (e.g. 100, 550)	Yes
streetPreDir	End user address street direction prefix (e.g. N)	No
streetName	End user address street name	Yes
streetType	End user address street type (e.g. St, Ave)	No
streetPostDir	End user address street direction ending (e.g. SW)	No
locationType1	End user address location type 1 (e.g. Bld, Apt)	No
locationValue1	End user address location value 1 (e.g. 1, 2B)	No
locationType2	End user address location type 2 (e.g. Flr, Ste)	No
locationValue2	End user address location value 2 (e.g. 1, 900)	No
locationType3	End user address location type 3 (e.g. Flr, Ste)	No
locationValue3	End user address location value 3 (e.g. 1, 900)	No
city	End user address city	Yes
state	End user address state	Yes
postalCode	End user address zip code	Yes
typeOfService	Acceptable values are B, Business, R and Residence	Yes
tnFeature	Contains features associated to the telephone number	No
callerId	Caller ID name (CNAM) for the telephone number	No
callingName	Caller ID display name; 15 characters or fewer and should have at least 1 alpha character	No
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No
directoryListing	Directory listing information for the telephone number	No
lastName	Directory listing last name (if typeOfService is R)	No

	or business name (if typeOfService is B)	
firstName	Directory listing first name (if typeOfService is R) or additional business name detail (if typeOfService is B)	No
streetNum	Directory listing address street number (e.g. 100, 550)	No
streetPreDir	Directory listing address street direction prefix (e.g. N)	No
streetName	Directory listing address street name	No
streetType	Directory listing address street type (e.g. St, Ave)	No
streetPostDir	Directory listing address direction ending (e.g. SW)	No
location	Directory listing address location (e.g. Ste 900)	No
city	Directory listing address city	No
state	Directory listing address state	No
postalCode	Directory listing address zip code	No
e911	E911 information for the telephone number	No
name	E911 first and last name	No
origStreetNum	E911 address street number (e.g. 100, 550)	No
origStreetInfo	E911 address street information (e.g. W Adams St)	No
origLocation	E911 address location (e.g. Suite 900)	No
origCityorder	E911 address city	No
origState	E911 address state	No
origPostalCode	E911 address zip code	No
messaging	Text messaging services for the telephone number	No
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	No
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

410 - DB Error:(Database Error)

String

P.S. “trunkGroup” or “routingOption” is required if feature is requested for specific TN.

Reseller Name is not required for API call but required for Canadian Port Orders

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "portInOrder": {
    "customerOrderReference": "TestOrder06",
    "desiredDueDate": "2015-12-15",
    "tnList": {
      "tnItem": [ {
        "tn": 3059891246,
        "routingOption": "CHCGIL24CL1_897",
        "accountNum": "12345",
        "atn": "8009247586",
        "authName": "Jean Blues",
        "authDate": "2015-12-15",
        "endUser": {
          "name": "Jean Blues",
          "streetNum": "101",
          "streetName": "Main",
          "streetType": "St",
          "city": "Miami",
          "state": "FL",
          "postalCode": "33124",
          "typeOfService": "B"          },
        "tnFeature": {
          "callerId":
            { "callingName": "J Blues"  },
          "messaging":
            { "messageClass": "A2PLC",
              "messageType": "SMSMMS"  }
        }
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "orderId": "102644",
  "statusCode": "200",
  "status": "Success"
}
```

Retrieve Port-In Order Available Activation Groups

POST /portInOrderAvailableActivation

This operation allows you to get a list of number groups currently available for activation on a port-in order. FOC (portDate) must be today or earlier, and the numbers must be in routing on the Inteliquent network.

On-demand activation is available for Tier 0, Tier 1, Wireless Tier A, CAN, HI, and PR with 500 or less TNs per losing carrier. Please use the Check Service Availability tool to verify Tier. Please note *Tier 2 - US48 Off-Net and AK* are not eligible and will default to port at 9 am MST.

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Port-in order number to retrieve number groups eligible for activation	No*
customerOrderReference	Alphanumeric order reference name	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	410 - DB Error:(Database Error)	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderAvailableActivation HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1085360,
  "customerOrderReference": "customerRef12345",
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "availableActivationList": [
    {
```

```
"tnGroup": "Group ID 93452A - ALEC, INC:2588 - NSR/1",
"focDt": "2017-09-27 00:00:00.0",
"tnList": {
  "tnItem": [
    {
      "tn": 8642246351,
      "routingOption": "NTCHI-1234-DID-950"
    }
  ]
},
{
  "tnGroup": "Group ID 93454 - Astound Broadband LLC: 485E - NSR",
  "focDt": "2017-09-27 00:00:00.0",
  "tnList": {
    "tnItem": [
      {
        "tn": 5308856332,
        "routingOption": "NTCHI-1234-DID-950"
      }
    ]
  }
},
{
  "tnGroup": "Group ID 93456 - BellSouth/1",
  "focDt": "2017-09-27 00:00:00.0",
  "tnList": {
    "tnItem": [
      {
        "tn": 2057552511,
        "routingOption": "NTCHI-1234-DID-950"
      }
    ]
  }
},
{
  "tnGroup": "Group ID 93457 - BellSouth/1",
  "focDt": "2017-09-27 00:00:00.0",
  "tnList": {
    "tnItem": [
      {
        "tn": 2516530680,
        "routingOption": "NTCHI-1234-DID-950"
      },
      {
        "tn": 2516530681,
        "routingOption": "NTCHI-1234-DID-950"
      }
    ]
  }
}
]
```

Activate Port-In Order

POST /portInOrderActivate

This operation allows you to activate list of number groups currently available for activation on a port-in order. FOC (portDate) must be today or earlier, and the numbers must be in routing on the Inteliquent network (occurs at midnight on the date of the port, after concurrence, or following the 18-hour wireline port timer expiration on expedited ports).

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Port-in order number containing number groups to be activated	No*
customerOrderReference	Alphanumeric order reference name	No*
tnGroup	Contains one or more groups of numbers available for activation on the order to trigger the port	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderActivate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1085360,
  "customerOrderReference": "customerRef12345",
  "tnGroup": [
    "Group ID 93453 - Ameritech/1",
    "Group ID 93457 - BellSouth/1"
  ]
}
```


Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "tnGroup:Group ID 93453 - Ameritech/1 Status:{1=[TN group not available for portGroup ID 93453 - Ameritech/1]}|tnGroup: Group ID 93457 - BellSouth/1 Status:Success|}"
}
```

Inteliquent will advise via webhook or email (if configured in [/accountDefault](#)) when the port-in activation is complete on the requested group(s).

You can also poll [/orderDetail](#) for status; the groups of numbers will move to Activated or Complete status as noted in the [Order Status](#) description section.

Retrieve Pending Port-In Order Number List

POST [/portInOrderTnList](#)

This operation allows you to retrieve a list of statuses for all numbers currently on pending port-in orders on your account.

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderTnList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
```

```

"status": "Success",
"statusCode": "200",
"orderList": {"orderType": [
  {
    "orderId": 1437326,
    "customerOrderReference": "customerRef12345",
    "orderStatus": "Pending",
    "desiredDueDate": "2017-09-18T00:00:00.000+0000",
    "createdDate": "2017-08-07T00:00:00.000+0000",
    "createdUser": " test@email.com",
    "rejectReasonName": "",
    "tn": "2033075990",
    "processName": "Group ID 521021 - Broadvox:787F - SVR/1",
    "tnStatus": "Pending",
    "lsrNumber": ""
  },
  {
    "orderId": 1437326,
    "customerOrderReference": "customerRef12345",
    "orderStatus": "Pending",
    "desiredDueDate": "2017-09-18T00:00:00.000+0000",
    "createdDate": "2017-08-07T00:00:00.000+0000",
    "createdUser": "test@email.com",
    "rejectReasonName": "",
    "tn": "2034242061",
    "processName": "Group ID 521032 - Peerless: 063E-NSR/1",
    "tnStatus": "Received FOC",
    "lsrNumber": ""
  }
]
}
}

```

Retrieve Pending Port-In Order List

POST /portInOrderList

This operation allows you to retrieve a list of port-in orders with aggregated quantities of numbers in different statuses.

Value	Description	Required												
privateKey	API key required to validate your application	Yes												
orderId	Existing order number	No*												
customerOrderReference	Alphanumeric order reference name	No*												
orderStatus	Order status; acceptable values include:	No												
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INCOMPLT</td> <td>Incomplete</td> </tr> <tr> <td>PENDING</td> <td>Pending</td> </tr> <tr> <td>PCNCL</td> <td>Pending Cancel</td> </tr> <tr> <td>CNCL</td> <td>Canceled</td> </tr> <tr> <td>CLSD</td> <td>Closed</td> </tr> </tbody> </table>	Value	Description	INCOMPLT	Incomplete	PENDING	Pending	PCNCL	Pending Cancel	CNCL	Canceled	CLSD	Closed	
Value	Description													
INCOMPLT	Incomplete													
PENDING	Pending													
PCNCL	Pending Cancel													
CNCL	Canceled													
CLSD	Closed													
createdDateStartRange	Earliest order creation date to return (e.g. 2015-12-	No												

createdDateEndRange	20) Latest order creation date to return (e.g. 2015-12-20)	No
tn	Ten-digit telephone number (e.g. 8156680000)	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	418 - Character limit is exceeded for:CustomerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , { , > , = ,] , [, !	String
	409 - Invalid TN submitted: Must be of 10 Digits	String
409 - Invalid Input Parameters:(Input Fields)	String	

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1458836,
  "customerOrderReference": "9262NewLNP",
  "orderStatus": "PENDING"
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderList": {"orderType": [
    {
      "orderId": 1458836,
      "orderStatus": "Pending",
      "customerOrderReference": "9262NewLNP",
      "desiredDueDate": "2017-09-26T00:00:00.000+0000",
      "tnQuantity": 2,
      "createdDate": "2017-09-19T00:00:00.000+0000",
      "createdUser": "test@email.com",
      "focTnQuantity": 0,
      "rejectedTnQuantity": 1,
      "activatedTnQuantity": 1,
      "focList": {"focItem": [
        {
          "portDate": "2017-09-26T00:00:00.000+0000",
          "tnQuantity": 1,
          "focTnQuantity": 0,
          "rejectedTnQuantity": 0,
          "activatedTnQuantity": 1
        },
        {
          "tnQuantity": 1,
          "focTnQuantity": 0,
          "rejectedTnQuantity": 1,
          "activatedTnQuantity": 0
        }
      ]},
      "rejectReasonList": {"rejectReasonItem": [
        {
          "rejectReason": "Invalid zip code",
          "rejectedTnQuantity": 1
        }
      ]}
    }
  ]
}

```

Example Request (for Pagination):

```

POST https://services.inteliquent.com/Services/1.0.0/portInOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836,
  "customerOrderReference": "9262NewLNP",
  "orderStatus": "PENDING",
  "pageSort": {
    "size": 1,
    "page": 10
  }
}

```

Example Response (for Pagination):

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderList": {"orderType": [
    {
      "orderId": 1458836,
      "orderStatus": "Pending",
      "customerOrderReference": "9262NewLNP",
      "desiredDueDate": "2017-09-26T00:00:00.000+0000",
      "tnQuantity": 2,
      "createdDate": "2017-09-19T00:00:00.000+0000",
      "createdUser": "test@email.com",
      "focTnQuantity": 0,
      "rejectedTnQuantity": 1,
      "activatedTnQuantity": 1,
      "focList": {"focItem": [
        {
          "portDate": "2017-09-26T00:00:00.000+0000",
          "tnQuantity": 1,
          "focTnQuantity": 0,
          "rejectedTnQuantity": 0,
          "activatedTnQuantity": 1
        },
        {
          "tnQuantity": 1,
          "focTnQuantity": 0,
          "rejectedTnQuantity": 1,
          "activatedTnQuantity": 0
        }
      ]},
      "rejectReasonList": {"rejectReasonItem": [
        {
          "rejectReason": "Invalid zip code",
          "rejectedTnQuantity": 1
        }
      ]}
    }
  ]},
  "page": "1",
  "totalPages": "3",
  "totalItems": "29",
  "searchId": "141213799652"
}

```

CSR Lookup

POST /tnCsrLookup

This operation allows you to look up synchronous information for specified Telephone Number. All the end user information, account details along with special instructions will be returned in the response which can be used to create an order to port telephone numbers from another carrier into the Inteliquent network.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
tn	Ten-digit telephone number requested (e.g. 3123488246)	Yes*
accountNum	Account Number	No
atn	Account Telephone Number	No
addressLine1	TN address line1 information	No
city	E911 address city	No
state	E911 address state	No
zipCode	E911 address zip code	No
authName	Authorized User Name	No
pin	Account PIN	No
password	Account Password	No
custCode	Customer Code	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
	414 - Csr Lookup is not allowed for customer	String

* tn is required when accountNum is specified

We can perform search as mentioned below

- By tn
- By atn
- By accountNum

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "3123488246",
  "accountNum": "12345",
  "atn": "8009247586",
  "addressLine1": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "zipCode": "60661",
  "authName": "Jean Blues",
  "pin": "1234",
  "password": "fed342ed",
  "custCode": "df453es23rds"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse":
  {
    "tn": "3123488246",
    "accountNum": "12345",
    "atn": "8009247586",
    "endUser": "Test User",
    "endUserAddress": "550 W Adams St, Chicago, IL 60661",
    "streetNum": "550",
    "streetPreDir": "W",
    "streetName": "Adams",
    "streetType": "St",
    "streetPostDir": "",
    "locationType1": "Ste",
    "locationValue1": "900",
    "locationType2": "Flr",
    "locationValue2": "9",
    "locationType3": "",
    "locationValue3": "",
    "city": "Chicago",
    "state": "IL",
    "postalCode": "60661",
    "typeOfService": "B",
    "serviceProvider": "ATT",
    "ocn": "089",
    "numOfServiceLocations": 2,
    "numOfTnLines": 2,
    "authName": "Jean Blues",
    "authDate": "2018-10-15",
    "earliestScheduledDate": "2018-10-12",
    "remarks": "",
    "lsrRequirements": "",
    "simplePort": "N",
    "csrLookupMsg": 0,
    "csrLookupResult": "Success",
    "tnGroup": [

```

```
    {"tn": "3123488247"},
    {"tn": "3123488248"}
  ]
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "0000000000"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "0000000000",
    "accountNum": "9876",
    "atn": "0000000000",
    "endUser": "Inteliquent",
    "endUserAddress": "Inteliquent 10300 6th Ave N Minneapolis, MN 55441",
    "streetNum": "10300",
    "streetPreDir": "",
    "streetName": "6th",
    "streetType": "Ave",
    "streetPostDir": "N",
    "locationType1": "",
    "locationValue1": "",
    "locationType2": "",
    "locationValue2": "",
    "locationType3": "",
    "locationValue3": "",
    "city": "Minneapolis",
    "state": "MN",
    "postalCode": "55441",
    "earliestScheduledDate": "2018-10-27",
    "typeOfService": "B",
    "serviceProvider": "Onvoy:4899 - SVR/1",
    "ocn": "453F",
    "numOfServiceLocations": 1,
    "numOfTnLines": 1,
    "authName": "Jane Doe",
    "authDate": "2018-10-24",
    "remarks": "Remarks",
    "lsrRequirements": "PIN required",
    "simplePort": "N",
    "csrLookupMsg": "Success",
    "csrLookupResult": 0
  }
}
```


Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "1111111111"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "1111111111",
    "accountNum": "",
    "atn": "",
    "endUser": "",
    "endUserAddress": "",
    "streetNum": "",
    "streetPreDir": "",
    "streetName": "",
    "streetType": "",
    "streetPostDir": "",
    "locationType1": "",
    "locationValue1": "",
    "locationType2": "",
    "locationValue2": "",
    "locationType3": "",
    "locationValue3": "",
    "city": "",
    "state": "",
    "postalCode": "",
    "typeOfService": "",
    "serviceProvider": "",
    "ocn": "",
    "numOfServiceLocations": 0,
    "numOfTnLines": 0,
    "authName": "",
    "remarks": "",
    "lsrRequirements": "",
    "simplePort": "",
    "csrLookupMsg": "Failure: Carrier did not respond with valid CSR",
    "csrLookupResult": 1
  }
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnCsrLookup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tn": "2222222222"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "2222222222",
    "accountNum": "",
    "atn": "",
    "endUser": "",
    "endUserAddress": "",
    "streetNum": "",
    "streetPreDir": "",
    "streetName": "",
    "streetType": "",
    "streetPostDir": "",
    "locationType1": "",
    "locationValue1": "",
    "locationType2": "",
    "locationValue2": "",
    "locationType3": "",
    "locationValue3": "",
    "city": "",
    "state": "",
    "postalCode": "",
    "typeOfService": "",
    "serviceProvider": "",
    "ocn": "",
    "numOfServiceLocations": 0,
    "numOfTnLines": 0,
    "authName": "",
    "remarks": "",
    "lsrRequirements": "",
    "simplePort": "",
    "csrLookupMsg": "Failure: Carrier does not support automated CSR lookups",
    "csrLookupResult": 1
  }
}
```

Toll-free

The following API calls allow you to order and manage toll-free numbers in Inteliquent inventory:

- [POST /tfInventory](#)
- [POST /tfOrder](#)
- [POST /tfDetail](#)
- [POST /tfUpdate](#)
- [POST /tfDisconnect](#)
- [POST /tfFeatureOrder](#)
- [POST /tfFeatureCNamList](#)
- [POST /tfFeatureMessageList](#)
- [POST /tfFeatureE911List](#)
- [POST /tfDnis](#)
- [POST /tfBtn](#)
- [POST /tfRequest](#)
- [POST /tfMove](#)
- [POST /tfRespOrg](#)
- [POST /tfDno](#)

Search Toll-free Number Inventory

POST /tfInventory

This operation allows you to search available toll-free numbers from the FCC-authorized Toll-Free Number Registry (Somos). Results will be returned only for customers using Inteliquent RespOrg services.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnMask	Ten-digit toll-free number; enter x as wildcard (e.g. 877xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	Yes
tnWildcard	Toll-free number. Accepts 0-9, Aa-Zz, *, & or? (e.g. "844CALLNOW" or "8??*hello")	Yes*
quantity	Maximum number of results to return; partial quantity may be returned based on inventory (Max of 1000 when sequential equals false. Max of 10 when sequential equals true.)	Yes
sequential	Enter true to return sequential numbers	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values (tn, respOrgPrefix, cic)	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	411 - Unknown Error	String
	410 - DB Error:(Database Error)	String
	430 - No Result Found	String

*tnMask or tnWildcard is required, tnMask is used if both are specified

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12

{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "800xxxxxxx",
  "sequential":false,
  "quantity": 5
}
```

Example Response:

```
HTTP/1.1 200 OK

{
  "status" : "Success",
  "statusCode" : "200",
  "tfList" : {
    "tfItem" : [
      {
        "tn" : 8006231984,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      },
      {
        "tn" : 8006231985,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      },
      {
        "tn" : 8006231986,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      }
    ]
  }
}
```

```

    {
      "tn" : 8006231987,
      "respOrgPrefix" : "QYR01",
      "cic" : "0913,0555,5102,2121"
    },
    {
      "tn" : 8006231988,
      "respOrgPrefix" : "QYR01",
      "cic" : "0913,0555,5102,2121"
    }
  ]
}

```

Example Request:

POST https://services.inteliquent.com/Services/1.0.0/tfInventory HTTP/1.1
 Authorization: Bearer a12b34567c89012def34g56789hi0j12

```

{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnWildcard": "844CALL***",
  "quantity": 1
}

```

Example Response:

HTTP/1.1 200 OK

```

{
  "status" : "Success",
  "statusCode" : "200",
  "tfList" : {
    "tfItem" : [
      {
        "tn" : 8442255030,
        "respOrgPrefix" : "QYR01",
        "cic" : "0913,0555,5102,2121"
      }
    ]
  }
}

```

The existing tnMask parameter has not been changed, a tnWildcard has been added

Parameter	Description
tnMask	Must be exactly 10 characters. Accepts 0-9 , x, X. x, X are interpreted as any single digit.
tnWildcard	Must be 10 characters or fewer than 10 with a single or contiguous * *See interpretation table below
quantity	Max of 10 for sequential searches Max of 1000 for non-sequential searches

tnWildcard interpretations are listed below:

Character	Interpretation
0 - 9	No translation
Aa - Cc	Translated to 2
Dd - Ff	Translated to 3
Gg - Ii	Translated to 4
Jj - Ll	Translated to 5
Mm - Oo	Translated to 6
Pp - Ss	Translated to 7
Tt - Vv	Translated to 8
Ww - Zz	Translated to 9
*	** Any character sequence (see restriction below)
?	Any single character
&	Repeating digits

** The '*' wildcard character may only be used once or contiguously

Load, Order, or Port Toll-free Numbers

POST /tfOrder

This operation allows you to load toll-free numbers on your own RespOrg to the Inteliquent network and other CICs (if desired), to port toll-free numbers from another RespOrg to Inteliquent (LQX01), or to order toll-free numbers available in the Inteliquent inventory (on RespOrg LQX01).

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
productAbbr	Product abbreviation for order; acceptable values: 8XX – Load free numbers on your own RespOrg to the Inteliquent CIC 8XXPORTIN – Port toll-free numbers to Inteliquent 8XXAVAIL – Order available toll-free numbers from Inteliquent inventory (max 100 per month)	Yes
tfOrder	Contains order details for toll-free numbers	Yes
customerOrderReference	Alphanumeric order reference name	No
loa	Must be sent as Y and you must use orderAddDocument to attach a valid LOA and bill copy when productAbbr is 8XXPORTIN	Yes*
tnList	Contains requested toll-free number(s)	Yes
tnItem	Contains requested toll-free number(s)	Yes

tn	Ten-digit toll-free number (e.g. 8776680000)	Yes
respongId	Five character RespOrg ID for the toll-free number; must belong to your company if productAbbr is 8XX	Yes**
routingLabel	Routing option to assign the toll-free number; use routingLabelSearchAssigned and routingLabelDetail to view your company's toll-free routing options	No
cicList	Contains CIC(s) for the toll-free number	No
tnNote	Optional note value to be stored on the number	No
tnFeature	Contains features associated to the telephone number	No
callerId	Caller ID name (CNAM) for the telephone number	No
callingName	Caller ID display name; 15 characters or fewer and should have at least 1 alpha character	No
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No
e911	E911 information for the telephone number	No
name	E911 first and last name	No***
origStreetNum	E911 address street number (e.g. 100, 550)	No***
origStreetInfo	E911 address street information (e.g. W Adams St)	No***
origLocation	E911 address location (e.g. Suite 900)	No
origCity	E911 address city	No***
origState	E911 address state	No***
origPostalCode	E911 address zip code	No***
origPostalCodePlusFour	E911 address zip code plus four	No
messaging	Text messaging services for the telephone number	No
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	No
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No
dnis	Dnis value for toll-free number	No
billingTn	Ten-digit Billing TN (e.g. 8776681234)	No
termTn	Ten-digit Term TN (e.g., 8776683456)	No***

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	411 - Unknown Error	String
	430 - No Result Found	String
	409 - Invalid TN submitted:(Tn List)(Tn List)	String
	414 - ProductAbbr is required.	String
	414 - (Different Permission Required)	String
422 - Maximum number of TNs that can be searched is 1000	String	

*May be omitted when productAbbr is 8XX or 8XXAVAIL

**May be omitted when productAbbr is 8XXPORTIN or 8XXAVAIL

*** termTn is allowed if switched toll free enabled and if termTn is present dnis and routingLabel shouldn't be sent. Either Dnis or Term Tn or routingLabel should be sent.

P.S. For E911 "name" & "location" parameters all printable ASCII characters are allowed.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8881235544,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnis": "3322355533",
          "billingTn": "3311224455",
          "termTn": "2233445566",
          "tnNote": "Sample Note",
          "tnFeature": {
```



```

    "callerId":
      { "callingName": "J Blues", "cnamDip": "Y" },
    "messaging":
      { "messageClass": "A2PLC",
        "messageType": "SMSMMS" },
    "e911": {
      "name": "James Holden",
      "origStreetNum": "550",
      "origStreetInfo": "W Adams St",
      "origLocation": "9th floor",
      "origCity": "Chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "e911ActivateDate": "2016-07-29T13:48:13.000Z",
      "e911ActivateUser": "Test User",
      "e911TnStatus": "In Service"
    }
  }
]
}
}
}

```

Example Response for 8XX and 8XXPORTIN requests:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1081234"
}

```

Example Response for 8XXAVAIL requests:

```

HTTP/1.1 200 OK
{
  "status": "{2=[8774514545 TN is marked Not Available in our inventory]}",
  "statusCode": "200"
}

```

The above indicates that some numbers in the request were synchronously activated to the account, but 8774514545 was excluded from activation for the provided reason.

An orderId will be returned for all tfOrder requests.

Example Request1:

```

POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporId": "ABC45",

```

```
    "tn": 8667412519,
    "routingLabel": "NTNYC-690-8XX-123",
    "cicList": {
      "cic": [ "0913", "0222", "0432" ]
    },
    "termTn": "3311224445"
  ]
}
}}}
```

Example Response1:

```
HTTP/1.1 200 OK
{
  "status": " Switched Toll Free is not enabled",
  "statusCode": "420"
}
```

Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporId": "ABC45",
          "tn": 8667412519,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "billingTn": "33112245"
        }
      ]
    }
  }
}
```

Example Response2:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Billing TN must be 10 digits for TN/s:[8667412519]",
  "statusCode": "409"
}
```

Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
```

```
"customerOrderReference": "TestOrder08",
"tnList": {
  "tnItem": [
    {
      "resporgId": "ABC45",
      "tn": 8667412519,
      "routingLabel": "NTNYC-690-8XX-123",
      "cicList": {
        "cic": [ "0913", "0222", "0432" ]
      },
      "billingTn": "asda112245"
    }
  ]
}
}
```

Example Response3:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Billing TN must be 10 digits for TN/s:[8667412519]",
  "statusCode": "409"
}
```

Example Request4:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "termTn": "asda112245"
        }
      ]
    }
  }
}
```

Example Response4:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Term TN must be 10 digits for TN/s:[8337412394]",
  "statusCode": "409"
}
```

Example Request5:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
```

```
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnis": "1234567890",
          "termTn": "3322443555"
        }
      ]
    }
  }
}
```

Example Response5:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Can only send either DNIS or Term TN for
TN/s:[8337412394]",
  "statusCode": "409"
}
```

Example Request6:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporgId": "ABC45",
          "tn": 8337412394,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "termTn": "3322443555"
        }
      ]
    }
  }
}
```

Example Response6:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Can only send either Term TN or Route Label for
  TN/s:[8337412394]",
  "statusCode": "409"
}
```

Example Request7:

```
POST https://services.inteliquent.com/Services/1.0.0/tfOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "productAbbr": "8XX",
  "tfOrder": {
    "customerOrderReference": "TestOrder08",
    "tnList": {
      "tnItem": [
        {
          "resporId": "ABC45",
          "tn": 8337412394,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnis": "1234567890",
          "termTn": "3322443555"
        }
      ]
    }
  }
}
```

Example Response7:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters: Can only send either DNIS, Term TN or Route Label for
  TN/s:[8337412394]",
  "statusCode": "409"
}
```

Search Assigned Toll-free Number Detail

POST /tfDetail

This operation allows you to retrieve details about the features enabled on a toll-free number assigned to your company.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tfSearchList	Contains one or more sets of search criteria	Yes
tfSearchItem	Contains one or more sets of search criteria	Yes

typeTfStatus Reference	Toll-free number status; acceptable values include: Value Description	No
	INSVC In Service	
	PNDNG Pending	
	PDISC Pending Disconnect	
routingLabel	Assigned toll-free routing option for the number	No
tnMask	Ten-digit toll-free number; enter x as wildcard (e.g. 877xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	Yes
activateStartDate Range	Start date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z	No
activateEndDate Range	End date range for number activation to current trunk group; use format 2017-03-29T14:00:46.000Z	No
activateUser	Search for specific string in activation user name	No
Dnis	Search for specific dnis	No
billingTn	Search for specific billing tn	No
termTn	Search for specific term tn	No
tnNote	Search for specific string contained in telephone number note	No
cnamDip	Search for numbers with or without CNAM dip setting; acceptable values are Y and N	No
callingName Contains	Search for specific string contained in telephone number calling name	No
callingName	Search for numbers with or without a calling name set; acceptable values are Y and N	No
e911Contains	Search for specific string contained in any E911 field	No
e911	Search for numbers with or without E911 information stored; acceptable values are Y and N	No
messageClass	Search for specific message-enabled numbers; Acceptable values are P2P, A2PLC, and A2P8XX	No
messageType	Search for specific message-enabled numbers; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No
messaging	Search for numbers with or without messaging enabled; acceptable values are Y and N	No
dno	Search for tns that have DNO set to Y or N. Acceptable values are Y and N	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No

direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	417 - Size must be less than or equal to 10000	String
	414 - Large result set without searchId detected. Please contact support team for assistance.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx"
    } ]
  },
  "pageSort": {
    "page": 1,
    "size": 1
  }
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tfList": {"tfItem": [ {
    "tn": 8002012311,
    "routingLabel": "NTCHI-1050-8XX-950",
    "tnStatusName": "In Service",
    "tnStatusRef": "INSVC",
    "respOrgName": "Example RespOrg Co.",
    "respOrgPrefix": "ABC01",
    "activateDisplayName": "User, You",
    "activateDate": "2016-07-29T13:48:13.000Z",
    "cic": "0913,5102",
    "cicCompanyName": "Inteliquent, Level 3",
    "tnNote": "Sample Note",
    "dno": "N",
    "tnFeature": {
      "callerId": {
        "callingName": "Harry Fuzz","cnamDip": "N",
      },
      "messaging": {
        "messageClass": "P2P",
        "messageType": "SMS"
      },
      "e911": {
        "name": "James Holden",
        "origStreetNum": "550",
        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661",
        "e911ActivateDate": "2016-07-29T13:48:13.000Z",
        "e911ActivateUser": "Test User",
        "e911TnStatus": "In Service"
      }
    }
  ]}],
  "page": "1",
  "totalPages": "7676",
  "totalItems": "7676",
  "searchId":
  "DnF1ZXJ5VAABYdYfK5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACu0WVjNESnZxZlJlJSNjJR0Gcz
  bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1ppRlhK
  d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Example Request2:

```

POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",

```



```

    "tnMask": "xxxxxxxxxx",
    "billigTn": "1234567899"
  } ]
},
"pageSort": {
  "page": 1,
  "size": 1
}
}

```

Example Response2:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tfList": {"tfItem": [ {
    "tn": 8002012311,
    "routingLabel": "NTCHI-1050-8XX-950",
    "tnStatusName": "In Service",
    "tnStatusRef": "INSVC",
    "respOrgName": "Example RespOrg Co.",
    "respOrgPrefix": "ABC01",
    "activateDisplayName": "User, You",
    "activateDate": "2016-07-29T13:48:13.000Z",
    "cic": "0913,5102",
    "cicCompanyName": "Inteliquent, Level 3",
    "tnNote": "Sample Note",
    "billigTn": "1234567899",
    "dno": "Y",
    "tnFeature": {
      "callerId": {
        "callingName": "Harry Fuzz", "cnamDip": "N",
      },
      "messaging": {
        "messageClass": "P2P",
        "messageType": "SMS"
      },
    },
    "e911": {
      "name": "James Holden",
      "origStreetNum": "550",
      "origStreetInfo": "W Adams St",
      "origLocation": "9th floor",
      "origCity": "Chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "e911ActivateDate": "2016-07-29T13:48:13.000Z",
      "e911ActivateUser": "Test User",
      "e911TnStatus": "In Service"
    }
  }
  ]}],
  "page": "1",
  "totalPages": "7676",
  "totalItems": "7676",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0wVjNESnZxZlJSNjJROGcz

```

```
bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGh1bkZ1dGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx",
      "termTn": "1234567890",
      "dno": "Y"
    } ]
  },
  "pageSort": {
    "page": 1,
    "size": 1
  }
}
```

Example Response3:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tfList": {"tfItem": [ {
    "tn": 8002012311,
    "routingLabel": "NTCHI-1050-8XX-950",
    "tnStatusName": "In Service",
    "tnStatusRef": "INSVC",
    "respOrgName": "Example RespOrg Co.",
    "respOrgPrefix": "ABC01",
    "activateDisplayName": "User, You",
    "activateDate": "2016-07-29T13:48:13.000Z",
    "cic": "0913,5102",
    "cicCompanyName": "Inteliquent, Level 3",
    "tnNote": "Sample Note",
    "termTn": "1234567890",
    "dno": "Y",
    "tnFeature": {
      "callerId": {
        "callingName": "Harry Fuzz", "cnamDip": "N",
      },
      "messaging": {
        "messageClass": "P2P",
        "messageType": "SMS"
      },
      "e911": {
        "name": "James Holden",
        "origStreetNum": "550",
      }
    }
  } ]
}
```

```

        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661",
        "e911ActivateDate": "2016-07-29T13:48:13.000Z",
        "e911ActivateUser": "Test User",
        "e911TnStatus": "In Service"
    }
}
}},
"page": "1",
"totalPages": "7676",
"totalItems": "7676",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0WVjNESnZxZ1JSNjJROGcz
bUZZcGlxUQAAAAAARgsFLYzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Example Request4:

```

POST https://services.inteliquent.com/Services/1.0.0/tfDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "l2rdUrVifb8Aa4eST2XsQvdMpIoa",
  "tfSearchList": {
    "tfSearchItem": [ {
      "typeTfStatusReference": "INSVC",
      "tnMask": "xxxxxxxxxx",
      "billingTn": "1234567899",
      "termTn": "1234567890",
      "dno": "N"
    } ]
  },
  "pageSort": {
    "page": 1,
    "size": 1
  }
}

```

Example Response4:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tfList": { "tfItem": [ {
    "tn": 8002012311,
    "routingLabel": "NTCHI-1050-8XX-950",
    "tnStatusName": "In Service",
    "tnStatusRef": "INSVC",
    "respOrgName": "Example RespOrg Co.",
    "respOrgPrefix": "ABC01",
    "activateDisplayName": "User, You",
    "activateDate": "2016-07-29T13:48:13.000Z",
    "cic": "0913,5102",

```

```

    "cicCompanyName": "Inteliquent, Level 3",
    "tnNote": "Sample Note",
    "billingTn": "1234567899",
    "termTn": "1234567890",
    "dno": "N",
    "tnFeature": {
      "callerId": {
        "callingName": "Harry Fuzz", "cnamDip": "N",
      },
      "messaging": {
        "messageClass": "P2P",
        "messageType": "SMS"
      },
      "e911": {
        "name": "James Holden",
        "origStreetNum": "550",
        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661",
        "e911ActivateDate": "2016-07-29T13:48:13.000Z",
        "e911ActivateUser": "Test User",
        "e911TnStatus": "In Service"
      }
    }
  }
}],
"page": "1",
"totalPages": "7676",
"totalItems": "7676",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0wVjNESnZxZlJSNjJROGcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Update Active Toll-Free Number Routing

POST /tfUpdate

This operation allows you to update routing on your active (In Service) toll-free numbers.

Value	Description	Required
privateKey	API key required to validate your application	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains active toll-free number(s) to update	Yes
tnItem	Contains active toll-free number(s) to update	Yes
tn	Ten-digit toll-free number to update (e.g. 8886680000)	Yes
termTn	Ten-digit Term TN (e.g. 8886681234)	No
routingLabel	New routing option to assign the toll-free number; use the routingLabelSearchAssigned and routingLabelDetail	Yes*

operations to view your toll-free routing options

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, `}, {, >, =,], [, !	String
	418 - Character limit is exceeded for:customerOrderReference	String
	409 - Invalid TN submitted:(Tn List)	String
	414 - tnNote must not exceed 4000 characters for TN/s:	String
	425 - Error Message:(String)	String
410 - DB Error:(Database Error)	String	

*routingLabel is not required if termTn is present in the request for switched toll free is enabled.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8553489654,
        "routingLabel": "NTNYC-690-8XX-124"
      },
      {
        "tn": 8663489655,
        "routingLabel": "NTNYC-690-8XX-124"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
}
```

```
"orderId": "1026473"
}
```

Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8553489654,
        "termTn": "3322445566"
      },
      {
        "tn": 8663489655,
        "routingLabel": "NTNYC-690-8XX-124"
      }
    ]
  }
}
```

Example Response2:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026474"
}
```

Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8663489655,
        "routingLabel": "NTNYC-690-8XX-124",
        "termTn": "3322445566"
      }
    ]
  }
}
```

Example Response3:

```
HTTP/1.1 200 OK
{
  "status": " Invalid Input Parameters: Can only send either Term TN or Route Label for TN/s:[
8663489655]",
  "statusCode": "409"
}
```

Example Request4:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8663489655,
        "termTn": "22445566"
      }
    ]
  }
}
```

Example Response4:

```
HTTP/1.1 200 OK
{
  "status": " Invalid Input Parameters:Term TN must be 10 digits for TN/s:[ 8663489655]",
  "statusCode": "409"
}
```

Example Request5:

```
POST https://services.inteliquent.com/Services/1.0.0/tfUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrderUpdate",
  "tnList": {
    "tnItem": [
      {
        "tn": 8663489655,
        "termTn": "1122445566"
      }
    ]
  }
}
```

Example Response5:

```

HTTP/1.1 200 OK
{
  "status": " Switched Toll Free is not enabled",
  "statusCode": "420"
}
    
```

Disconnect Toll-free Number

POST /tfDisconnect

This operation allows you to disconnect active (In Service) toll-free numbers assigned to your company.

Value	Description	Required
privateKey	API key required to validate your application	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains active toll-free number(s) to disconnect	Yes
tnItem	Contains active toll-free number(s) to disconnect	Yes
TN	Ten-digit toll-free number to disconnect (e.g. 8886680000)	Yes

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String
	418 - Character limit is exceeded for:customerOrderReference	String
	409 - Invalid TN submitted:(Tn List)	String
	414 - tnNote must not exceed 4000 characters for TN/s:	String
	425 - Error Message:(String)	String
410 - DB Error:(Database Error)	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDisconnect HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "TestOrder09",
  "tnList": {
    "tnItem": [
      {
        "tn": 8553489654
      },
      {
        "tn": 8663489655
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026473"
}
```

Add, Update, or Remove Active Toll-Free Number Feature

POST /tfFeatureOrder

This operation allows you to add, update, or remove features for all TFNs. This includes support for TFNs purchased directly from Inteliquent as well as TFNs purchased from other providers. Immediate validation is performed for requests with 100 or fewer numbers, and invalid numbers are returned in the response.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tfFeatureOrder	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
tnFeature	Contains feature updates for the telephone number	Yes
callerId	Changes to caller ID (CNAM)	No
callingName	New or updated outbound caller ID storage name; 15 characters or fewer and should have at least 1 alpha character	No
removeTnFeature	Enter Y to remove active outbound caller ID storage (LIDB) from the telephone number	No
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No
e911	Changes to E911 information	No
name	New or updated E911 first and last name	No
origStreetNum	New or updated E911 address street number (e.g. 100, 550)	No
origStreetInfo	New or updated E911 address street information (e.g. W Adams St)	No
origLocation	New or updated E911 address location (e.g. Suite 900)	No
origCity	New or updated E911 address city	No
origState	New or updated E911 address state	No
origPostalCode	New or updated E911 address zip code	No
origPostalCodePlusFour	E911 address zip code plus four	No
removeTnFeature	Enter Y to remove E911 from the number	No
messaging	Changes to messaging services	No
messageClass	New or updated message type; acceptable values are P2P, A2PLC, and A2P8XX	No
messageType	New or updated message class; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and	No

	SMSMMS_ALT	
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No
removeTnFeature	Enter Y to remove active text messaging services	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	409 - Invalid TN submitted:(Tn List)	String
	414 - tnNote must not exceed 4000 characters for TN/s:	String
	425 - Error Message:(String)	String
	410 - DB Error:(Database Error)	String
	422 - Order quantity limit is 10,000 numbers.	String
	414 - (Required Fields)	String
414 - Toll Free Messaging is not enabled	String	
425 - Error Message:(Error String)	String	

P.S. For “name” & “location” parameters all printable ASCII characters are allowed.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tfFeatureOrder": {
    "customerOrderReference": "TestOrder04",
    "tnList": {
      "tnItem": [
        {
          "tnFeature": {
            "callerId": {
              "removeTnFeature": "Y"
            },
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMS"
            }
          }
        }
      ]
    }
  }
}
```

```

        "tn": 3124795863,
        "tnFeature": {
          "callerId": {
            "callingName": "caller name"
          },
          "e911": {
            "name": "James Holden",
            "origStreetNum": "550",
            "origStreetInfo": "W Adams St",
            "origLocation": "9th floor",
            "origCity": "Chicago",
            "origState": "IL",
            "origPostalCode": "60661",
            "e911ActivateDate": "2016-07-29T13:48:13.000Z",
            "e911ActivateUser": "Test User",
            "e911TnStatus": "In Service"
          }
        }
      }
    ]
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026472"
}

```

Retrieve CNAM Storage Toll Numbers

POST /tfFeatureCNamList

This operation allows you to retrieve a list of numbers with CNAM storage configured for display on outbound calls (LIDB).

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String

408 - Private Key cannot be blank.	String
430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureCNameList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {
    "tfFeatureItem": [
      {
        "tn": 9726947096,
        "callingName": "Name"
      }
    ]
  }
}
```

Retrieve Messaging Toll-free Numbers

POST /tfFeatureMessageList

This operation allows you to retrieve a list of toll-free numbers with messaging configured.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureMessageList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {
    "tfFeatureItem": [
      {
        "tn": 2017012042,
        "messageClass": "P2P",
        "messageType": "SMS",
        "netNumberId": "1234",
        "altSpid": "1234"
      },
      {
        "tn": 2022925536,
        "messageClass": "P2P",
        "messageType": "SMS"
      }
    ]
  }
}
```

Retrieve E911 Toll-free Numbers

POST /tfFeatureE911List

This operation allows you to retrieve a list of toll-free numbers with E911 configured.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnMask	Ten-digit telephone number; enter x as wildcard (e.g. 844xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String

430 - No Result Found

String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "844xxxxxxx"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {"tfFeatureItem": [
    {
      "tn": 9726947096,
      "name": "test iqnt",
      "origStreetNum": "550",
      "origStreetInfo": "w adams",
      "origLocation": "ste 900",
      "origCity": "chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    },
    {
      "tn": 2404540119,
      "name": "test",
      "origStreetNum": "123",
      "origStreetInfo": "test",
      "origLocation": "",
      "origCity": "chi",
      "origState": "IL",
      "origPostalCode": "60657",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    }
  ]}
}
```

}

Toll-free Dnis Update

POST /tfDnis

This operation allows you to update dnis for toll-free numbers.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tfDnis	Contains tfDnis details	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
dnis	Contains updated dnis value for TNs.	No*
removeDnis	Enter Y to remove dnis from TN	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	432 - TN Excluded	String
	425 - Partial Success	String
	418 - Character limit is exceeded for:CustomerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , {, >, =,], [, !	String
	422 - Order quantity limit is 100,000 numbers.	String
	409 - Invalid TN submitted:(Tn List)	String
	409 - Invalid ForwardTo submitted for TN/s:(Tn List)	String
	425 - Error Message:	String
	410 - DB Error:(Database Error)	String

* Either dnis should be set or removeDnis should be set to 'Y'

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfDnis": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8156680000",
          "dnis": "1234567980"
        },
        {
          "tn": "8156681234",
          "removeDnis": "Y"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Toll-free BTN Update

POST /tfBttn

This operation allows you to update billing tn for toll-free numbers.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tfBttn	Contains tfBttn details	Yes
customerOrder Reference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
billingTn	Contains updated ten digit billing TN value for TNs.	No*
removeBillingTn	Enter Y to remove billing tn from TN	No*

* Either billingTn should be set or removeBillingTn should be set to 'Y'

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfBtn HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfBtn": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8156680000",
          "billingTn": "1234567980"
        },
        {
          "tn": "8156681234",
          "removeBillingTn": "Y"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfBtn HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfBtn": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8334402419"
        }
      ]
    }
  }
}
```

Example Response2:

```
HTTP/1.1 200 OK
{
  "status": " Either Billing TN should be set or removeBillingTn should be set to 'Y' for TN/s[8334402419]",
  "statusCode": "409"
}
```

Request TollFree TN

POST /tfRequest

This operation allows you to request numbers be added to inventory.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
customerOrderReference	Alphanumeric order reference name	No
desiredDueDate	Desired Date for the tfns	Yes*
quantity	Required number of tns	Yes
routingLabel	Routing option to be assigned to tns	No
respOrgId	RespOrg Identifier	No

Note: Desired due date must be after 3 business days if quantity is more than 100 tns, other wise it must be after next business day.

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	425 - Error Message:	String
	410 - DB Error:(Database Error)	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	411 - Unknown Error	String
status	Indicates whether the API call was successful or failure	String
orderId	Order Id for the request	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerOrderReference": "abcsdsd88246"
}
```

Example Response:

```
HTTP/1.1 200 OK
{  "status": "Success",
   "statusCode": "200",
   "orderId": "3212323"
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
   "customerOrderReference": "abcsdsd88246",
   "desiredDueDate": "2022-05-12",
   "quantity": 101
}
```

Example Response:

```
HTTP/1.1 200 OK
{  "status": " Invalid Input Parameters: desiredDueDate must be on or after 13-May-2022 (3
   business days).",
   "statusCode": "409"
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
   "customerOrderReference": "abcsdsd88246",
   "desiredDueDate": "2022-05-07",
   "quantity" : 1
}
```

Example Response:

```
HTTP/1.1 200 OK
{  "status": " Invalid Input Parameters:desiredDueDate must be on or after 10-May-2022 (next
   business day).",
   "statusCode": "409"
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
   "customerOrderReference": "abcsdsd88246",
   "desiredDueDate": "2022-05-07"
```

```
}

```

Example Response:

```
HTTP/1.1 200 OK
{ "status": " Fields Are Required:quantity.",
  "statusCode": "414"
}
```

Moving TFNs between Accounts

The following API call allows you to move toll free numbers between associated accounts of a given company. *Note: This setup is done by Customer Success Teams to enable the move feature on the back end.*

- [POST /tfMove](#)

Request:

Value	Description	Required
privateKey	API key required to validate your application	Yes
tfMove	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number to be moved (e.g. 8156680000)	Yes
respongId	Five character RespOrg ID for the toll-free number	Yes
routingLabel	Routing option to assign the toll-free number; use routingLabelSearchAssigned and routingLabelDetail to view your company's toll-free routing options	Yes
cicList	Contains CIC(s) for the toll-free number	No
dnis	Dnis value for toll free numer	No
dnisOperation	Options: preserve, remove. Default is remove.	No
tnNote	Optional note value to be stored on the number.	No
tnNoteOperation	Options: preserve, remove. Default is remove.	No
forwardTo	forward To number for toll free number	No
forwardToOperation	Options: preserve, remove. Default is remove.	No
tnFeature	List of tn features to be carried over	No
callerId		No
callingNameOperation	Options: preserve, remove. Default is remove.	No
cnamDipOperation	Options: preserve, remove. Default is remove.	No
callingName	Caller ID display name; 15 characters or fewer	No

	and should have at least 1 alpha character	
cnamDip	CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No**
e911		No
operation	Options: preserve, remove. Default is remove.	No
name	E911 first and last name	No***
origStreetNum	E911 address street number (e.g. 100, 550)	No***
origStreetInfo	E911 address street information (e.g. W Adams St)	No***
origLocation	E911 address location (e.g. Suite 900)	No
origCity	E911 address city	No***
origState	E911 address state	No***
origPostalCode	E911 address zip code	No***
origPostalCode PlusFour	E911 address zip code plus four	No
messaging		No
operation	Options: preserve, remove. Default is remove.	No
messageClass	Acceptable values is A2P8XX	No****
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No****

**Will be set to value stored in [accountDefaultDetail](#) if not sent

***Required if tnFeature contains e911 and operation is update

****Required if tnFeature contains messaging and operation is update

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	
	432 - TN Excluded	String
	425 - Partial Success	String
	418 - Character limit is exceeded for:CustomerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , {, >, =,], [, !	String
	422 - Maximum item quantity (5,000) has been exceeded..	String

409 - Invalid TN submitted:(Tn List)	String
409 - Invalid ForwardTo submitted for TN/s:(Tn List)	String
425 - Error Message:(Some Error)	String
410 - DB Error:(Database Error)	String
420 - Tn Move is not enabled	String
414 - ciclist for TN:(Tn List)	String
430 - No Result Found	String
414 - routingLabel for TNs:(Tn List)	String
418 - Character limit is exceeded for:(Fields)	String
412 - Invalid Routing-Label submitted for:(Tn List)	String
409 - Invalid TN submitted: Must be of 10 Digits	String
426 - Account not 911-enabled, remove e911 from request.	String
419 - Error Occurred: (Some Error)	String
414 - Toll Free Messaging is not enabled	String

Example Request – Move TFN between accounts:

```

POST https://services.inteliquent.com/Services/1.0.0/tfMove HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfMove": {
    "tnList": {
      "tnItem": [
        {
          "tn": "8445161531",
          "resporgId": "ABC45",
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "dnisOperation": "preserve",
          "tnNoteOperation": "preserve",
          "forwardToOperation": "preserve",
          "tnFeature": {
            "callerId": {
              "callingNameOperation": "preserve",
              "cnamDipOperation": "preserve"
            },
            "e911": {
              "operation": "preserve"
            },
            "messaging": {
              "operation": "preserve"
            }
          }
        }
      ]
    }
  }
}

```

```

    }
  },
  {
    "tn": "8335161532",
    "respongId": "ABC45",
    "routingLabel": "NTNYC-690-8XX-123",
    "cicList": {
      "cic": [ "0913", "0222", "0432" ]
    },
    "dnisOperation": "remove",
    "tnNoteOperation": "remove",
    "forwardToOperation": "remove",
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "remove",
        "cnamDipOperation": "remove"
      },
      "e911": {
        "operation": "remove"
      },
      "messaging": {
        "operation": "remove"
      }
    }
  },
  {
    "tn": "8555161533",
    "respongId": "ABC45",
    "routingLabel": "NTNYC-690-8XX-123",
    "cicList": {
      "cic": [ "0913", "0222", "0432" ]
    },
    "dnisOperation": "update",
    "dnis": "8441234567",
    "tnNoteOperation": "update",
    "tnNote": "test note",
    "forwardToOperation": "update",
    "forwardTo": "8223456789",
    "tnFeature": {
      "callerId": {
        "callingNameOperation": "update",
        "cnamDipOperation": "update",
        "callingName": "J Blues", "cnamDip": "Y"
      },
      "e911": {
        "operation": "update",
        "name": "James Holden",
        "origStreetNum": "550",
        "origStreetInfo": "W Adams St",
        "origLocation": "9th floor",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661"
      },
      "messaging": {
        "operation": "update",
        "messageClass": "A2P8XX",
        "messageType": "SMS"
      }
    }
  }
}

```



```

    }
  ]
}
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 1534971
}

```

Search Toll-Free RespOrg

POST /tfRespOrg

This operation allows you to retrieve customer resporg on a toll-free number.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnList	Contains one or more tns	Yes
tnItem	Contains one or more tns	Yes
tn	Ten-digit toll-free number; (e.g. 8771234567)	Yes

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Private Key cannot be blank. 414: No. of TNs exceed limit of 100 per request 430: No results found 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	String
tnList	Contains one or more tns	Object
tnItem	Contains one or more tns	Array
tn	Ten-digit toll-free number; (e.g. 8771234567)	String
respOrgId	Customer RespOrgId for given toll free number	String

Example Request1:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRespOrg HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "8445161531"
      },
      {
        "tn": "8445161532"
      }
    ]
  }
}
```

Example Response1:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": 8445161531,
        "respOrgId": "QYR01"
      },
      {
        "tn": 8445161532,
        "respOrgId": "QYR02",
      }
    ]
  }
}
```

Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tfRespOrg HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response2:

```
HTTP/1.1 200 OK
{
  "status": "Fields Are Required:tnList",
  "statusCode": "414"
}
```

Toll-Free DNO Update

POST /tfDno

This operation allows you to update do not originate setting on a toll-free number.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnList	Contains one or more tns	Yes
tnItem	Contains one or more tns	Yes
tn	Ten-digit toll-free number; (e.g. 8771234567)	Yes
dno	Update Do Not Originate value for the Tn Number; acceptable values are Y and N	Yes

Response:

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	408 - Private Key cannot be blank.	String
	409 -Invalid TN submitted: (Tn List	String
	410 -DB Error	String
	414 – Fields are required	
	431 - Unable to complete the request at the moment, please try again.	String
	430 - No Result Found	String
OrderId	432- TN Excluded	String
	Order ID	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfDno HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {
    "tnItem": [
      {
        "tn": "8445161531",
        "dno": "Y"
      },
      {
        "tn": "8445161532",
        "dno": "Y"
      }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1740821"
}
```

Advanced Call Route

The following API calls allow you to create, update and provide information regarding Advanced Call Route Plans:

- [POST /advancedCallRouteServiceAreas](#)
- [POST /advancedCallRouteServiceLocations](#)
- [POST /advancedCallRouteTimeZones](#)
- [POST /timeProfile](#)
- [POST /timeProfileList](#)
- [POST /timeProfileDetail](#)
- [POST /timeProfileSpecialDay](#)
- [POST /timeProfileSpecialDayList](#)
- [POST /timeProfileSpecialDayDetail](#)
- [POST /advancedCallRoutePlan](#)
- [POST /advancedCallRoutePlanList](#)
- [POST /advancedCallRoutePlanDetail](#)
- [POST /advancedCallRoutePlanRemove](#)

Advanced Call Route Service Area List

POST /advancedCallRouteServiceAreas

This operation allows you to get a list of service areas for advanced call route.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
status	Indicates the actual error that occurred.	String
advancedCallRouteServiceAreas	List of service areas	List

serviceAreaRef	Reference for service area	String
name	Name of service area	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRouteServiceAreas HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRouteServiceAreas": [
    {
      "serviceAreaRef": "US",
      "name": "All US"
    },
    {
      "serviceAreaRef": "US-EAST",
      "name": "US East"
    },
    {
      "serviceAreaRef": "US-WEST",
      "name": "US West"
    },
    {
      "serviceAreaRef": "CANADA",
      "name": "Canada"
    },
    {
      "serviceAreaRef": "PACIFIC",
      "name": "Pacific Islands"
    },
    {
      "serviceAreaRef": "CARIBBEAN",
      "name": "Caribbean"
    }
  ]
}
```

Advanced Call Route Service Location List

POST /advancedCallRouteServiceLocations

This operation allows you to get a list of service locations for advanced call route.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful 414 - Fields Are Required:(All Required Fields) 431 - Unable to complete the request at the moment, please try again. 408 - Private Key cannot be blank.	String
status	Indicates the actual error that occurred.	String
advancedCallRouteServiceLocations	List of service locations	List
serviceAreaRef	Reference for service area	String
state	2 letter code for the location	String
name	Name of the location	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRouteServiceLocations
HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRouteServiceLocations": [
    {
      "serviceAreaRef": "US-EAST",
      "state": "AL",
      "name": "Alabama"
    },
    {
      "serviceAreaRef": "US-EAST",
      "state": "CT",
      "name": "Connecticut"
    }
  ],
}
```

```

{
  "serviceAreaRef": "US-EAST",
  "state": "DE",
  "name": "Delaware"
},
{
  "serviceAreaRef": "US-EAST",
  "state": "FL",
  "name": "Florida"
},
{
  "serviceAreaRef": "US-EAST",
  "state": "GA",
  "name": "Georgia"
}
]
}

```

Advanced Call Route Time Zone List

POST /advancedCallRouteTimeZones

This operation allows you to get a list of time zones for advanced call route.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
status	Indicates the actual error that occurred.	String
advancedCallRouteTimeZones	List of service locations	List
timeZoneRef	Reference for time zone	String
timeZone	Name of the time zone	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/advancedCallRouteTimeZones HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRouteTimeZones": [
    {
      "timeZoneRef": "2",
      "timeZone": "United States/Eastern"
    },
    {
      "timeZoneRef": "3",
      "timeZone": "United States/Central"
    },
    {
      "timeZoneRef": "4",
      "timeZone": "United States/Mountain"
    },
    {
      "timeZoneRef": "5",
      "timeZone": "United States/Pacific"
    },
    {
      "timeZoneRef": "6",
      "timeZone": "United States/Alaska"
    },
    {
      "timeZoneRef": "8",
      "timeZone": "United States/Arizona"
    },
    {
      "timeZoneRef": "9",
      "timeZone": "United States/East Indiana"
    },
    {
      "timeZoneRef": "10",
      "timeZone": "United States/Hawaii"
    },
    {
      "timeZoneRef": "29",
      "timeZone": "Canada/Atlantic"
    },
    {
      "timeZoneRef": "87",
      "timeZone": "Puerto Rico (GMT-4)"
    }
  ]
}
```

Create Time Profile for Advanced Call Route

POST /timeProfile

This operation allows you to create time profile for advanced call route.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
timeprofile	Contains time profile details	Yes
timeProfileName	Name of the time profile	Yes
timeZone	Name of the time zone to be associated with this profile	Yes
schedule	Contains time profile ranges for each day of the week	Yes
<day of week>	Day of week for which the time range is applicable	Yes
startHour	Start hour of the time range	Yes
startMinute	Start minute of the time range	Yes
endHour	End hour of the time range	Yes
endMinute	End minute of the time range	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
	410 - DB Error:(Database Error)	String
status	Indicates the actual error that occurred.	String
timeProfileId	Time profile Id for the created time profile	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfile HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeProfile": {
    "timeProfileName": "Test Profile 20220325 - 1",
    "timeZone": "United States/Central",
    "schedule": {
      "monday": [
        {
          "startHour": 1,
          "startMinute": 0,
          "endHour": 15,
          "endMinute": 30
        }
      ]
    }
  }
}
```

```
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfileId": 10461
}
```

Advanced Call Route Time Profile List

POST /timeProfileList

This operation allows you to get a list of time profiles.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
timeZone	Name of time zone for which time profiles are requested	No

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
timeProfiles	List of time profiles	List
timeProfileId	Id of the time profile	Integer
timeProfileName	Name of the time profile	String
timeZoneRef	Reference for time zone	String
timeZone	Name of the time zone	String
Status	Status of time profile	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "timeZone": "United States/Central"
```

```
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfiles": [
    {
      "timeProfileId": 2001,
      "timeProfileName": "THE_CUST_ASSIGNED_NAME",
      "timeZone": "United States/Central",
      "timeZoneRef": "3",
      "status": "Active"
    }
  ]
}
```

Advanced Call Route Time Profile Detail

POST /timeProfileDetail

This operation allows you to get details about time profile

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
timeProfileId	Id for the time profile	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
timeprofile	Contains time profile details	Object
timeProfileName	Name of the time profile	String
timeZone	Name of the time zone to be associated with this profile	String
schedule	Contains time profile ranges for each day of the week	List

<day of week>	Day of week for which the time range is applicable	Object
startHour	Start hour of the time range	Integer
startMinute	Start minute of the time range	Integer
endHour	End hour of the time range	Integer
endMinute	End minute of the time range	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeProfileId": 2001
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfile": {
    "timeProfileId": 2001,
    "timeProfileName": "THE_CUST_ASSIGNED_NAME",
    "timeZone": "United States/Central",
    "schedule": {
      "monday": [
        {
          "startHour": 0,
          "startMinute": 0,
          "endHour": 1,
          "endMinute": 30
        },
        {
          "startHour": 20,
          "startMinute": 0,
          "endHour": 22,
          "endMinute": 0
        }
      ]
    }
  }
}
```

Create Special Day Time Profile for Advanced Call Route

POST /timeProfileSpecialDay

This operation allows you to create special day time profile for advanced call route.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
timeProfileSpecialDay	Contains time profile details	Yes
timeProfileName	Name of the time profile	Yes
timeZone	Name of the time zone to be associated with this profile	Yes
specialDaySchedules	Contains time profile ranges for each day	Yes
year	Year for the time profile	Yes
month	Month for the time profile	Yes
day	Day for the time profile	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
	410- DB Error : (Database Error)	String
status	Indicates the actual error that occurred.	String
timeProfileId	Time profile Id for the created time profile	Integer

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/timeProfileSpecialDay HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "timeProfileSpecialDay": {
    "timeProfileName": "Test Profile 20220315 - special day - 1",
    "timeZone": "United States/Central",
    "specialDaySchedules": [
      {
        "year": 2022,
        "month": 1,
        "day": 1
      }
    ]
  }
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfileId": 10461
}
```

Advanced Call Route Special Day Time Profile List

POST /timeProfileSpecialDayList

This operation allows you to get a list of special day time profiles.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
timeZone	Name of time zone for which time profiles are requested	No

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
timeProfiles	List of time profiles	List
timeProfileId	Id of the time profile	Integer
timeProfileName	Name of the time profile	String
timeZoneRef	Reference for time zone	String
timeZone	Name of the time zone	String
Status	Status of time profile	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileSpecialDayList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "timeZone": "United States/Central"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfiles": [
    {
      "timeProfileId": 2001,
      "timeProfileName": "THE_CUST_ASSIGNED_NAME",
      "timeZone": "United States/Central",
      "timeZoneRef": "3",
      "status": "Active"
    }
  ]
}
```

Advanced Call Route Special Day Time Profile Detail

POST /timeProfileSpecialDayDetail

This operation allows you to get details about time profile

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
timeProfileId	Id for the time profile	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
timeprofile	Contains time profile details	Object

timeProfileName	Name of the time profile	String
timeZone	Name of the time zone to be associated with this profile	String
specialDaySchedules	Contains time profile ranges for each day	List
year	Year for the time profile	Integer
month	Month for the time profile	Integer
day	Day for the time profile	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/timeProfileSpecialDayDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "timeProfileId": 2001
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "timeProfile": {
    "timeProfileId": 2001,
    "timeProfileName": " THE_CUST_ASSIGNED_NAME",
    "timeZone": "United States/Central",
    "specialDaySchedules": [
      {
        "year": 2022,
        "month": 7,
        "day": 4
      }
    ]
  }
}
```

Add Advanced Call Route Plan

POST /advancedCallRoutePlan

This operation allows you to add an advanced call route plan

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
advancedCallRoutePlan	Contains advanced call route plan object	Yes
routePlanName	Name of route plan	Yes

defaultRoutingLabel	Default routing label for advanced call route plan	Yes
routes	List of routes	Yes
routeName	Name of the route	Yes
routingLabel	Routing label for the route	Yes
routeLocations	List of service locations	No
timeProfile	Contains time profile details	Yes
timeProfileId	Id for time profile	No*
timeProfileName	Name of the time profile	No*
timeZone	Name of the time zone to be associated with this profile	No*
schedule	Contains time profile ranges for each day of the week	No*
<day of week>	Day of week for which the time range is applicable	No*
startHour	Start hour of the time range	No*
startMinute	Start minute of the time range	No*
endHour	End hour of the time range	No*
endMinute	End minute of the time range	No*
specialDayRoute	List of special day route	No
routingLabel	Routing label for the route	Yes
timeProfile	Contains time profile detail	No
timeProfileId	Id for time profile	No*
timeZone	Name of the time zone to be associated with this profile	No*
specialDaySchedules	Contains time profile ranges for each day	No*
year	Year for the time profile	No*
month	Month for the time profile	No*
day	Day for the time profile	No*

* Note: Either timeProfileId or timeProfile details must be present

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
advancedCallRoutePlanId	Id for advanced call route plan	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlan HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "advancedCallRoutePlan": {
    "routePlanName": "Adv Call Route Plan",
    "defaultRoutingLabel": "API Rename RouteLabel 1",
    "routes": [
      {
        "routeName": "Test Route",
        "routingLabel": "NTCHI-2708-8XX-950",
        "routeLocations": [
          "IL",
          "NY"
        ],
        "timeProfile": {
          "timeProfileId": 10082
        }
      }
    ],
    "specialDayRoute": {
      "routingLabel": "NTCHI-2708-8XX-950",
      "timeProfile": {
        "timeProfileName": "Test Profile special day",
        "timeZone": "United States/Central",
        "specialDaySchedules": [
          {
            "year": 2022,
            "month": 4,
            "day": 1
          },
          {
            "year": 2022,
            "month": 5,
            "day": 1
          }
        ]
      }
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlanId": 517
}
```

Advanced Call Route Plan List

POST /advancedCallRoutePlanList

This operation allows you to list of advanced call route plan list.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
routePlanName	Full or partial route plan name to be used for search	No

Response:

Parameter	Description	Type
statusCode	200 - Successful 414 - Fields Are Required:(All Required Fields) 431 - Unable to complete the request at the moment, please try again. 408 - Private Key cannot be blank. 420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
advancedCallRoutePlans	Contains list of advanced call route plans	List
advancedCallRoutePlanId	Id for advanced call route plan id	Integer
routePlanName	Name of the route plan	String
status	Status of the call route plan	String
tnCount	Number of TNs associated with this plan	Integer
createdDate	Date on which route plan was created	String
createdUser	User who created the route plan	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlanList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlans": [
    {
      "advancedCallRoutePlanId": 10,
```

```

    "routePlanName": "Test Route Plan name",
    "status": "Pending",
    "tnCount": 5,
    "createdDate": "2022-02-14",
    "createdUser": "api_user"
  }
]
}

```

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlanList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routePlanName": "RR Test"
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlans": [
    {
      "advancedCallRoutePlanId": 10,
      "routePlanName": " RR Test Route Plan name",
      "status": "Pending",
      "tnCount": 5,
      "createdDate": "2022-02-14",
      "createdUser": "api_user"
    }
  ]
}

```

Advanced Call Route Plan Detail

POST /advancedCallRoutePlanDetail

This operation allows you to list of advanced call route plan detail.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
advancedCallRoutePlanId	Id for advanced call route plan id	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String

	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String
advancedCallRoutePlan	Contains advanced call route plan object	Object
routePlanName	Name of route plan	String
defaultRoutingLabel	Default routing label for advanced call route plan	String
routes	List of routes	List
routeName	Name of the route	String
routingLabel	Routing label for the route	String
routeLocations	List of service locations	List
timeProfile	Contains time profile details	Object
timeProfileId	Id for time profile	Integer
timeProfileName	Name of the time profile	String
timeZone	Name of the time zone to be associated with this profile	String
schedule	Contains time profile ranges for each day of the week	List
<day of week>	Day of week for which the time range is applicable	Object
startHour	Start hour of the time range	Integer
startMinute	Start minute of the time range	Integer
endHour	End hour of the time range	Integer
endMinute	End minute of the time range	Integer
specialDayRoute	List of special day route	List
routingLabel	Routing label for the route	String
timeProfile	Contains time profile detail	Object
timeProfileId	Id for time profile	Integer
timeZone	Name of the time zone to be associated with this profile	String
specialDaySchedules	Contains time profile ranges for each day	List
year	Year for the time profile	Integer
month	Month for the time profile	Integer
day	Day for the time profile	Integer

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlanDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "advancedCallRoutePlan": {
    "advancedCallRoutePlanId": 461,
    "routePlanName": "Adv Call Route Plan",
    "defaultRoutingLabel": "RouteLabel 1",
    "timeZone": "United States/Eastern",
    "status": "Active",
    "createdDate": "2022-03-16",
    "createdUser": "api_user",
    "routes": [
      {
        "routeName": "Test Route",
        "routingLabel": "NTCHI-2708-8XX-950",
        "routeLocations": [
          "Illinois",
          "New York"
        ],
        "timeProfile": {
          "timeProfileId": 10082,
          "timeProfileName": "Test Profile Eastern",
          "timeZone": "United States/Eastern",
          "timeZoneRef": "2",
          "schedule": {
            "tuesday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ],
            "wednesday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ],
            "saturday": [
              {
                "startHour": 12,
                "startMinute": 30,
                "endHour": 13,
                "endMinute": 30
              }
            ]
          }
        }
      }
    ]
  }
}
```


	408 - Private Key cannot be blank.	String
	420 - Advanced Call Route is not enabled	String
status	Indicates the actual error that occurred.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/advancedCallRoutePlan HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "advancedCallRoutePlanId"="517"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```


Network

The following API calls allow you to view and update your assigned trunk groups:

- [POST /trunkGroupSearchAssigned](#)
- [POST /trunkGroupUpdate](#)
- [POST /trunkGroupSessionUpdate](#)
- [POST /switchLocationList](#)
- [POST /dtmfRelayList](#)
- [POST /customerLocationList](#)
- [POST /trunkGroupOrder](#)
- [POST /changeTrunkGroupOrder](#)
- [POST /trunkGroupOrderList](#)
- [POST /trunkGroupOrderDetail](#)
- [POST /testTrunkGroup](#)
- [POST /routingLabelSearchAssigned](#)
- [POST /routingLabelDetail](#)
- [POST /routingLabelUpdate](#)
- [POST /trunkGroupUtilization](#)
- [POST /messageDetailSearch](#)
- [POST /e911CallSearch](#)
- [POST /trunkGroupList](#)
- [POST /trunkGroupDetail](#)
- [POST /routingOptionList](#)
- [POST /routingOptionDetail](#)
- [POST /routingOption](#)

Search Assigned Trunk Group

POST /trunkGroupSearchAssigned

This operation allows you to retrieve a list of your DID trunk groups with Inteliquent for use with [/tnOrder](#), [/tnUpdate](#), and [/portInOrder](#).

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupSearchAssigned HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupNameList": [
    {
      "trunkGroupName": "CHCGIL24CL1_897"
    },
    {
      "trunkGroupName": "CHCGIL24CL1_898"
    }
  ]
}
```

Change Trunk Group Name

POST /trunkGroupUpdate

This operation allows you to update the name of your company's assigned trunk groups.

Note: Use the updated trunk group name when placing a new telephone number, trunk group update, or port-in order.

Value	Description	Required
privateKey	API key required to validate your application	Yes
trunkGroupNameNew	New display name trunk group; enter alphanumeric characters, space, and/or underscore	Yes
trunkGroupNameCurrent	Current name of trunk group to be updated	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String

408 - Private Key cannot be blank.	String
430 - No Result Found	String
414 - Invalid value entered for:(Input Fields)	String
409 - Invalid Input Parameters:(All Input Fields)	String
410 - DB Error:(Database Error)	String
411 - Unknown Error	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupNameNew": "Main Trunk Group",
  "trunkGroupNameCurrent": "CHCGIL24CL1_897"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Update Trunk Group Session Count

POST /trunkGroupSessionUpdate

This operation allows you to update session count for your company's assigned trunk group. *Currently in Beta for internal use only.*

Value	Description	Required
privateKey	API key required to validate your application	Yes
trunkGroupName	Name of trunk group; enter alphanumeric characters, space, and/or underscore	Yes
updateAction	Session count update action. Accepted values: Increase or Decrease	Yes
updateSessionCountBy	Number of sessions to be increased or decreased.	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful 414 - Fields Are Required:(All Required Fields)	String

431 - Unable to complete the request at the moment, please try again.	String
408 - Private Key cannot be blank.	String
430 - No Result Found	String
414 - Invalid value entered for:(Input Fields)	String
409 - Invalid Input Parameters:(All Input Fields)	String
410 - DB Error:(Database Error)	String
411 - Unknown Error	String
414 - TrunkGroup Session Update is not allowed for customer	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupSessionUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab",
  "trunkGroupName": "ABC",
  "updateAction": "Increase",
  "updateSessionCountBy": 25
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12340,
  "message": "The session count update for this trunk group is now complete. For questions regarding this update, please contact customer support and reference Order ID"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Review",
  "statusCode": "425",
  "orderId": 12340,
  "message": "Your request to change session count for trunk group 'ABC' requires further review. For questions regarding this update, please contact customer support and reference Order ID."
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "410",
}
```

```
"message": "There was a problem fulfilling your request. Please contact the customer support team for assistance."
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid value entered for: updateAction",
  "statusCode": "414"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input parameters: Invalid Trunk Group",
  "statusCode": "409"
}
```

Retrieve IQNT Switch Location List

POST /switchLocationList

This operation allows you to retrieve a list of inteliquent switch locations for use with /trunkGroupOrder

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/switchLocationList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "switchLocationList": [
    "Chicago IL",
    "Dallas TX"
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results Found",
  "statusCode": "430"
}
```

Retrieve DTMF Relay List

POST /dtmfRelayList

This operation allows you to retrieve a list of dtmf relay list for use with /trunkGroupOrder

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/dtmfRelayList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "dtmfRelayList": [
    "2833",
    "None = INBAND"
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results Found",
  "statusCode": "430"
}
```

Retrieve Customer Location List

POST /customerLocationList

This operation allows you to retrieve a list of assigned location list for use with /trunkGroupOrder.

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/customerLocationList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "customerLocationList": [
    "AGSTGAMTXY",
    "AHLNCOHX9Z",
    "ALBQMMAX4Y",
    "ALBYNYSSXC",
    "ALNAPAALXGX",
    "ATLANTACONF",
    "ATLNGAQS08T",
    "ATLNGAQS08S"
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results Found",
  "statusCode": "430"
}
```

Order New Trunk Group

POST /trunkGroupOrder

This operation allows you to order new trunk group. *Currently in Beta for internal use only.*

Value	Description	Required
privateKey	API key required to validate your application	Yes
trunkGroupOrder	Contains order information	Yes
trunkGroupType	Trunk Group Type	Yes
customerOrderReference	Alphanumeric order reference name	No
inteliquentSwitchLocation	Inteliquent Switch Location Information	Yes
customerSwitchDescription	Customer Switch Description	No
customerLocation	Customer Location	No
customerTrunkGroupNumber	Customer Trunk Group Number	No
customerTrunkGroupName	Customer Trunk Group Name	No
sessionCount	Session Count	Yes
sessionCountForecast	Session Count Forecast	No
forecastBeginDate	Forecast Begin Date	No
forecastEndDate	Forecast End Date	No
redundancy	Redundancy Option	No

typeTrunkGroupRouting	Routing Option	Yes**
fqdnResolutionType	FQDN Resolution Type (Accepted Values: A-Only or A-SRV-NAPTR)	Yes**
trunkGroupFeature	Trunk Group Feature Information	No
enable911	Enable 911 flag (Y / N)	No
customerSipSignalingList	Customer SIP Signaling Details	Yes**
customerSipSignalingItem	Customer SIP Signaling Information	Yes**
ipAddress	SIP IP Address	Yes
direction	SIP Direction. (Both/To Customer/From Customer)	Yes
action	Action for SIP Signaling (Accepted Value: Add)	Yes
customerMediaList	Customer Media Details	No
customerMediaItem	Customer Media Information	No
ipAddress	Media IP Address	No
action	Action for Media IP (Accepted Value: Add)	No
fqdnList	FQDN Details	Yes**
fqdnItem	FQDN Information	Yes**
domainName	FQDN Domain Name	Yes
port	FQDN Port	Yes
action	Action for FQDN (Accepted Value: Add)	Yes
codeList	Codec List	No
codecItem	Codec Information	No
codec	Codec Type	Yes
dtmfRelay	DTFN Relay Information	Yes
percentage	Code Percentage	Yes
priority	Codec Priority	Yes
customerServiceAddress	Customer Service Address	Yes
useBillingTaxLocation	Y/N flag. if Y entered then no need to enter address details	Yes
addressLine1	Trunk Billing Address Line1	Yes**
addressLine2	Trunk Billing Address Line2	No
city	Trunk Billing City	Yes**
state	Trunk Billing State	Yes**
postalCode	Trunk Billing Postal Code	Yes**

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the	String

moment, please try again.

408 - Private Key cannot be blank.	String
430 - No Result Found	String
414 - Invalid value entered for:(Input Fields)	String
409 - Invalid Input Parameters:(All Input Fields)	String
410 - DB Error:(Database Error)	String
411 - Unknown Error	String
414 - TrunkGroup Session Update is not allowed for customer	String
425 - Review	String
410 - Invalid Request	String

** Conditionally required depends on other parameters.

Notes:

- Accepted “trunkGroupType” values are DID-VOIP, 8XX-T
- Accepted “inteliquentSwitchLocation” values can be retrieved using /switchLocationList API.
- customerLocation can be sent null or should be one of the customer’s assigned location. Accepted “customerLocation” values can be retrieved using /customerLocationList API.
- When FQDN is provided, FQDN Resolution Type is required.
- When FQDN Resolution Type provided, FQDN Details are required.
- When FQDN is provided, Customer SIP Signaling Direction must be “From Customer” only.
- When FQDN is not provided, Customer SIP Signaling Direction “Both or To Customer” must be provided for at least one SIP IP Address.
- Accepted “codec” values are G.711 U, G.729 A, G.729 AB
- Each codec can be used only once.
- Accepted “dtmfRelay” values can be retrieved using /dtmfRelayList API.
- Combined Codec percentage must be 100
- For Toll-free Trunk Group Type, customerSipSignaling direction must be ‘To Customer’.
- CustomerSipSignaling IP Address must be used only once.
- For Redundancy trunkgroup, relatedOrderId should be entered (orderId from initial trunk group order creation).
- If redundancy entered as ‘Y’ then ‘typeTrunkGroupRouting’ is required. Accepted values are: Sequential and Round Robin.

Example Request:

POST <https://services.inteliquent.com/Services/1.0.0/trunkGroupOrder> HTTP/1.1

Authorization: Bearer a12b34567c89012def34g56789hi0j12

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupOrder": {
    "trunkGroupType": "DID-VOIP",
    "customerSwitchDescription": "N/A",
    "inteliquentSwitchLocation": "Chicago IL",
    "customerOrderReference": "9262NewABCDE",
    "customerLocation": "",
    "customerTrunkGroupName": "",
    "customerTrunkGroupName": "TestTrunkGroupNameTG12345",
    "sessionCount": 100,
    "sessionCountForecast": "",
    "forecastBeginDate": "",
    "forecastEndDate": "",
    "redundancy": "Y",
    "typeTrunkGroupRouting": "Sequential",
    "fqdnResolutionType": "A-Only",
    "trunkGroupFeature": {
      "enable911": "Y"
    }
  },
  "customerSipSignalingList": {
    "customerSipSignalingItem": [
      {
        "ipAddress": "172.17.100.16",
        "direction": "Both",
        "action": "Add"
      }
    ]
  },
  "customerMediaList": {
    "customerMediaItem": [
      {
        "ipAddress": "172.17.100.14",
        "action": "Add"
      }
    ]
  },
  "fqdnList": {
    "fqdnItem": [
      {
        "domainName": "inteliquent.com",
        "port": 0,
        "action": "Add"
      }
    ]
  },
  "codecList": {
    "codecItem": [
      {
        "codec": "G.729 A",
        "dtmfRelay": "2833",
        "priority": 1,
        "percentage": 25,
        "action": "Add"
      },
      {
        "codec": "G.729 AB",
        "dtmfRelay": "2833",
        "priority": 2,

```

```
        "percentage": 75,  
        "action": "Add"  
      }  
    ]  
  },  
  "customerServiceAddress": {  
    "useBillingTaxLocation": "Y",  
    "addressLine1": "",  
    "addressLine2": "",  
    "city": "",  
    "state": "",  
    "postalCode": ""  
  }  
}  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Success",  
  "statusCode": "200",  
  "orderId": 12340,  
  "message": "Trunk group order is complete. For questions regarding this order, please  
contact customer support and reference Order ID"  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Review",  
  "statusCode": "425",  
  "orderId": 12340,  
  "message": "Your request to order trunk group requires further review. For questions  
regarding this order, please contact customer support and reference Order ID."  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Invalid Request",  
  "statusCode": "410",  
  "message": "There was a problem fulfilling your request. Please contact the customer  
support team for assistance."  
}
```

Example Response:

```
HTTP/1.1 200 OK  
{  
  "status": "Invalid Request",  
  "statusCode": "410",  
  "result": [  
    "inteliquentSwitchLocation is required.",  
    "customerOrderReference should not be morethan 50 characters"  
  ]  
}
```

```
]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "TrunkGroup Order is not allowed for customer",
  "statusCode": "414"
}
```

Change Trunk Group Order

POST /changeTrunkGroupOrder

This operation allows you to update trunk group configuration which is entered through portal.

Value	Description	Required
privateKey	API key required to validate your application	Yes
changeTrunkGroupOrder	Contains change trunk group order information	Yes
trunkGroupName	Trunk Group Name which is to be updated	Yes
fqdnResolutionType	FQDN Resolution Type (Accepted Values: A-Only or A-SRV-NAPTR)	Yes**
customerSipSignalingList	Customer SIP Signaling Details	Yes**
customerSipSignalingItem	Customer SIP Signaling Information	Yes**
ipAddress	SIP IP Address	Yes
direction	SIP Direction. (Both/To Customer/From Customer)	Yes
action	Action for SIP Signaling (Accepted Values: Add/Update/Delete)	Yes
customerMediaList	Customer Media Details	No
customerMediaItem	Customer Media Information	No
ipAddress	Media IP Address	No
action	Action for FQDN (Accepted Values: Add/Delete)	No
fqdnList	FQDN Details	Yes**
fqdnItem	FQDN Information	Yes**
domainName	FQDN Domain Name	Yes
port	FQDN Port	Yes
action	Action for FQDN (Accepted Values: Add/Delete)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String

414 - Fields Are Required:(All Required Fields)	String
431 - Unable to complete the request at the moment, please try again.	String
408 - Private Key cannot be blank.	String
430 - No Result Found	String
414 - Invalid value entered for:(Input Fields)	String
409 - Invalid Input Parameters:(All Input Fields)	String
410 - DB Error:(Database Error)	String
411 - Unknown Error	String
414 - TrunkGroup Session Update is not allowed for customer	String
425 - Review	String
410 - Invalid Request	String

** Conditionally required depends on other parameters.

Notes:

- When FQDN is provided, FQDN Resolution Type is required.
- When FQDN Resolution Type provided, FQDN Details are required.
- When FQDN is provided, Customer SIP Signaling Direction must be “From Customer” only.
- When FQDN is not provided, Customer SIP Signaling Direction “Both or To Customer” must be provided for at least one SIP IP Address.

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/changeTrunkGroupOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "changeTrunkGroupOrder": {
    "trunkGroupName": "ABC Pretty Graph",
    "fqdnResolutionType": "A-Only",
    "customerSipSignalingList": {
      "customerSipSignalingItem": [
        {
          "ipAddress": "172.17.100.16",
          "direction": "Both",
          "action": "Add or Update or Delete"
        }
      ]
    },
    "customerMediaList": {
      "customerMediaItem": [
        {
          "ipAddress": "172.17.100.14",
          "action": "Add or Delete"
        }
      ]
    },
    "fqdnList": {
      "fqdnItem": [

```

```
    {
      "domainName":"inteliquent.com",
      "port":0,
      "action":"Add or Delete"
    } ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12340,
  "message": "Trunk group order is complete. For questions regarding this order, please contact customer support and reference Order ID"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Review",
  "statusCode": "425",
  "orderId": 12340,
  "message": "Your request to order trunk group requires further review. For questions regarding this order, please contact customer support and reference Order ID."
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "410",
  "message": "There was a problem fulfilling your request. Please contact the customer support team for assistance."
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": " Invalid trunkGroupName",
  "statusCode": "414"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "410",
  "result": [
    "inteliquentSwitchLocation is required.",
  ]
}
```

```
] }
    "customerOrderReference should not be morethan 50 characters"
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "TrunkGroup Order is not allowed for customer",
  "statusCode": "414"
}
```

Retrieve Trunk Group Order List

POST /trunkGroupOrderList

This operation allows you to retrieve a list of trunk group orders.

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

*If orderId, filtered results will be retrieved for specified order Id.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupOrderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupOrderList": [
    {
```



```
"orderId": 1497277,
"serviceType": "Trunk Group",
"inteliquentSwitchLocation": "Chicago IL",
"orderType": "Change",
"orderStatus": "Pending",
"customerOrderReference": "",
"createdUser": "api_user",
"createdDate": "2019-02-13T00:00:00.000+0000",
"desiredDueDate": "2019-02-13T00:00:00.000+0000",
"customerTrunkGroupName": "ABC Pretty Graph",
"trunkGroupName": "CHCGIL24IQT_9998",
"twoSixCode": "IP022401",
"inteliquentLocation": "CHCGIL2497T",
"customerLocation": "CHCGIL2497T",
"inteliquentTrunkGroupNumber": "9998",
"customerTrunkGroupNumber": "",
"sipManagementType": "Sessions",
"customerSwitchDescription": "N/A",
"signallingType": "SIP",
"trafficClassType": "DN",
"inteliquentClassType": "7",
"customerClassType": "7",
"trafficUseType": "IP (Administrative)",
"trunkModifierType": "CH-HCS",
"inteliquentSignallingType": "-",
"customerSignallingType": "-",
"accessType": "Public",
"sessionCountForecast": 0,
"sipOption": "N",
"useBillingTaxLocation": "Y",
"addressLine1": "",
"addressLine2": "",
"city": "",
"state": "",
"postalCode": "",
"country": "",
"fqdnResolutionType": "",
"pendingSessionCount": -10,
"activeSessionCount": 100
} ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No results found",
  "statusCode": "430"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invlid Request",
  "statusCode": "414"
}
```

Retrieve Trunk Group Order Detail

POST /trunkGroupOrderDetail

This operation allows you to retrieve trunk group order details. *Currently in Beta for internal use only.*

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupOrderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1458836
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupOrderDetail": {
    "orderId": 1497293,
    "serviceType": "Trunk Group",
    "inteliquentSwitchLocation": "Atlanta GA",
    "orderType": "Change",
    "orderStatus": "Pending",
    "customerOrderReference": "",
    "createdUser": "Carney, Jeff ",
    "createdDate": "2019-02-20T00:00:00.000+0000",
    "desiredDueDate": "2019-02-20T00:00:00.000+0000",
    "customerTrunkGroupName": "",
    "trunkGroupName": "ATLNGAQS08T_266",
    "twoSixCode": "IP000166",
    "inteliquentLocation": "ATLNGAQS08T",
    "customerLocation": "ATLNGAQS08T",
    "inteliquentTrunkGroupNumber": "266",
    "customerTrunkGroupNumber": ""
  }
}
```

```

"sipManagementType": "Sessions",
"customerSwitchDescription": "SONUS",
"signallingType": "SIP",
"trafficClassType": "DN",
"inteliquentClassType": "4",
"customerClassType": "4",
"trafficUseType": "IP (Administrative)",
"trunkModifierType": "CALEADID_OUT",
"inteliquentSignallingType": "-",
"customerSignallingType": "-",
"accessType": "Public",
"sessionCountForecast": 0,
"sipOption": "N",
"fqdnResolutionType": "A-Only",
"pendingSessionCount": 1,
"activeSessionCount": 100,
"customerSipSignalingList": {
  "customerSipSignalingItem": [
    {
      "ipAddress": "192.168.251.6",
      "port": 5060,
      "direction": "Both"
    }
  ]
},
"customerMediaList": {
  "customerMediaItem": [
    {
      "ipAddress": "192.168.251.7"
    }
  ]
},
"fqdnList": {
  "fqdnItem": [
    {
      "domainName": "ABC",
      "port": 1025,
    }
  ]
},
"codecList": {
  "codecItem": [
    {
      "codec": "G.711 A",
      "packetSize": 20,
      "priority": 2,
      "faxToneTreatment": "None",
      "modemToneTreatment": "None",
      "dtmfRelay": "None = INBAND",
      "silentSuppression": "N",
      "percentage": 100
    },
    {
      "codec": "G.711 U",
      "packetSize": 20,
      "priority": 1,
      "faxToneTreatment": "None",
      "modemToneTreatment": "None",
      "dtmfRelay": "None = INBAND",
      "silentSuppression": "N",
      "percentage": 100
    }
  ],
}

```

```

    "codec": "G.722",
    "packetSize": 20,
    "priority": 3,
    "faxToneTreatment": "None",
    "modemToneTreatment": "None",
    "dtmfRelay": "None = INBAND",
    "silentSuppression": "N",
    "percentage": 100
  },
  {
    "codec": "G.729 A",
    "packetSize": 20,
    "priority": 4,
    "faxToneTreatment": "Fax Relay or Fallback to G.711",
    "modemToneTreatment": "Fallback to G.711",
    "dtmfRelay": "2833",
    "silentSuppression": "N",
    "percentage": 100
  },
  {
    "codec": "G.729 AB",
    "packetSize": 20,
    "priority": 5,
    "faxToneTreatment": "Fax Relay or Fallback to G.711",
    "modemToneTreatment": "Fallback to G.711",
    "dtmfRelay": "2833",
    "silentSuppression": "N",
    "percentage": 100
  } ]
},
"trunkGroupFeature": {
  "e911Enabled": "N"
},
"customerServiceAddress": {
  "useBillingTaxLocation": "Y",
  "addressLine1": "",
  "addressLine2": "",
  "city": "",
  "state": "",
  "postalCode": "",
  "country": ""
}
} }

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "No results found",
  "statusCode": "430"
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request",
  "statusCode": "414"
}
```

Test Trunk Group Call

POST /testTrunkGroup

This operation allows you to test a trunk group to ensure that it is configured properly.

Value	Description	Required
privateKey	API key required to validate your application	Yes
trunkGroupName	Assigned trunk group name	Yes
testTn	Test Telephone Number	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	412 - Invalid trunk group submitted for:	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	410 - (Web Request Error Message)	String
	411 - Unknown Error	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/testTrunkGroup HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "trunkGroupName": "CHCGIL24ZCL_2387",
  "testTn": "3123131377"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Fields Are Required:trunkGroupName"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Invalid value entered for:testTn"
}
```

Search Assigned Toll-free Routing Label

POST /routingLabelSearchAssigned

This operation allows you to retrieve a list of your company's assigned toll-free routing labels for use with [/tfOrder](#).

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(All Input Fields)	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingLabelSearchAssigned HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingLabelList": {"routingLabelItem": [
    {
      "customerAssignedName": "",
      "routingLabel": "NTMIL01-8XX-0222-1-124",
      "routePrioritizationType": "Sequence"
    }
  ]}
}
```

Retrieve Toll-free Routing Label Detail

POST /routingLabelDetail

This operation allows you to retrieve trunk groups and routing proportions your toll-free routing labels.

Value	Description	Required
privateKey	API key required to validate your application	Yes
routingLabel	routingLabel or customerAssignedName as retrieved in the /routingLabelSearchAssigned operation	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingLabelDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routingLabel": "NTNYC-690-8XX-123"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingLabelList": {"routingLabelItem": [ {
    "routeSequence": "0",
    "trunkGroupName": "MILWWI1261T_406",
    "routeProportion": "0"
  }, {
    "routeSequence": "1",
    "trunkGroupName": "MILWWI4561T_702",
    "routeProportion": "0"
  }
  ]}
}
```

Change Toll-free Routing Label Name

POST /routingLabelUpdate

This operation allows you to update the name of your company's assigned toll-free routing labels.

Value	Description	Required
privateKey	API key required to validate your application	Yes
routingLabel	Current routing label name	Yes
newRoutingLabel	New routing label name	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful 414 - Fields Are Required:(All Required Fields) 431 - Unable to complete the request at the moment, please try again. 408 - Private Key cannot be blank. 430 - No Result Found 411 - Unknown Error	String String String String String

409 - Invalid Input Parameters:(All Input Fields)	String
410 - DB Error:(Database Error)	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingLabelUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "routingLabel": "NTNYC-690-8XX-123",
  "newRoutingLabel": "Main Routing Label"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Retrieve Trunk Group Utilization Detail

POST /trunkGroupUtilization

This operation allows you to view utilization information for a trunk group over a desired date range.

Value	Description	Required
privateKey	API key required to validate your application	Yes
startDate	Start of date range (e.g. 2015-12-15)	Yes
endDate	End of date range (e.g. 2015-12-15)	Yes
trunkGroupName	Name of trunk group to search utilization	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	411 - Unknown Error	String
	409 - Invalid Input Parameters:(All Input Fields)	String

410 - DB Error:(Database Error)	String
414 - Invalid Date format::The date format should be in yyyy-MM-dd	String
450 - Couldn't parse the input date	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupUtilization HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "startDate": "2017-12-01",
  "endDate": "2017-12-01",
  "trunkGroupName": [ "NYCMNYBXABC_1234" ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "trunkGroupUtilList": {
    "trunkGroupUtilItem": [
      {
        "trunkGroupDate": "2024-03-05T18:00:00.000Z",
        "inCalls": 5650,
        "outCalls": 5,
        "capacity": 5655,
        "peakCalls": 301,
        "peakUtilization": 1.8
      },
      {
        "trunkGroupDate": "2017-12-01 00:30",
        "inCalls": 0,
        "outCalls": 686,
        "capacity": 1300,
        "peakCalls": 301,
        "peakUtilization": 1.8
      }
    ]
  }
}
```

*Inteliquent-to-customer = outCalls, customer-to-Inteliquent = inCalls

Retrieve Message Detail Record

POST /messageDetailSearch

This operation allows you to search message detail records for your Inteliquent message-enabled telephone numbers.

Value	Description	Required
privateKey	API key required to validate your application	Yes
startDate	Start of date range (e.g. 2015-12-15T00:00:00.000Z)	Yes
endDate	End of date range (e.g. 2015-12-15T00:00:00.000Z)	Yes
direction	Message direction; acceptable values are Outbound and Inbound	Yes
messageClass	Message class; acceptable values are P2P, A2PLC, and A2P8XX	Yes
messageType	Message type; acceptable values are SMS and MMS	Yes
disposition	Message disposition; acceptable values are Enroute, Successful, Unknown, Blocked, and Failed	No
region	Message region; acceptable values are Africa and Middle East, Asia and Pacific, Europe, Global / Satellite, Latin America and the Caribbean, and North America	No
country	Message origin or destination (based on direction value sent) country	No
operators	Message origin or destination (based on direction value sent) operator(s)	No
sourceTn	10-digit or E.164 message sent from number (e.g. 3121231234 or 13121231234)	No
destinationTn	10-digit or E.164 message sent to number (e.g. 3121231234 or 13121231234)	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	411 - Unknown Error	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/messageDetailSearch HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "a12b34567c89012def34g56789hi0j12",
  "startDate": "2017-11-01T00:00:00.000Z",
  "endDate": "2017-12-02T00:00:00.000Z",
  "direction": "Outbound",
  "messageClass": "P2P",
  "messageType": "SMS",
  "operators": [
    "Sprint"
  ],
  "sourceTn": "15109470585",
  "destinationTn": "18182240977"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messageDetails": [
    {
      "operator": "Sprint",
      "country": "United States of America",
      "region": "North America",
      "gateWay": "Atlanta",
      "messageType": "SMS",
      "source": "15109470585",
      "destination": "18182240977",
      "status": "Blocked",
      "statusCode": "8",
      "description": "Blocked"
    },
    {
      "operator": "Sprint",
      "country": "United States of America",
      "region": "North America",
      "gateWay": "Chicago",
      "messageType": "SMS",
      "source": "15109470585",
      "destination": "18182240977",
      "status": "Blocked",
      "statusCode": "8",
      "description": "Blocked"
    }
  ]
}
```

Retrieve 911 Call Detail Record

POST /e911CallSearch

This operation allows you to search 911 detail records for your Inteliquent 911-enabled telephone numbers.

Value	Description	Required
privateKey	API key required to validate your application	Yes
startDate	Start of date range (e.g. 2019-01-18 00:00:00)	Yes
endDate	End of date range (e.g. 2019-01-21 16:41:26)	Yes
callType	Call Type; acceptable values are 911, Test and All	No
callStatus	Call Status; acceptable values are Completed, Cancelled, Failed and All	No
callDestination	Call Destination; acceptable values are Test, PSAP, PSAP - 10 digit, Callcenter and All	No
callProvisioned	Call Provisioned; acceptable values are Yes, No and All	No
sourceTn	Calling Number; Accepts 0-9, Aa-Zz, *, or ? (e.g. "*Hello*" or "312?Hi*7")	No
e911Contains	Search for specific string contained in any E911 field	No
name	Message origin or destination (based on direction value sent) country	No
name	E911 first and last name	No
streetNum	E911 address street number (e.g. 100, 550)	No
streetInfo	E911 address street information (e.g. W Adams St)	No
location	E911 address location (e.g. Suite 900)	No
city	E911 address city	No
state	E911 address state	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are Calling Num	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
SearchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you	No

send valid searchId value. You will be able to use this parameter, only if you are receiving it in response

timeZone
TimeZone; acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, UTC, Asia/Kolkata.

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	411 - Unknown Error	String
	414 - Invalid Date format::The date format should be in yyyy-MM-dd	String
	414 - Invalid value entered for:	
	409 - Invalid Input Parameters:(All Input Fields)	String
	417 - Size must be less than or equal to 10000	String
	414 - Large result set without searchId detected. Please contact support team for assistance.	String
430 - No Result Found	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/e911CallSearchHTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "startDate": "2019-01-18 00:00:00",
  "endDate": "2019-01-21 16:41:26",
  "callType": "911",
  "callStatus": "Completed",
  "callDestination": "PSAP",
  "callProvisioned": "Yes",
  "sourceTn": "xxxxxxxxxx",
  "e911Contains": "Test",
  "name": "Test",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "location": "9th floor",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

```

    },
    "timeZone": "UTC"
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "callDetailList": [
    {
      "sourceTn": "3123131377",
      "callDate": "2019-01-19T22:06:29.009Z",
      "callType": "911",
      "callStatus": "Completed",
      "callDestination": "PSAP",
      "callProvisioned": "Yes",
      "callDuration": "80.06",
      "name": "MAJESTIC PINES",
      "streetNum": "1614",
      "streetInfo": "Golf Course Rd",
      "city": "Grand Rapids",
      "state": "MN",
      "postalCode": "55744",
      "callTerminated": "2019-01-19T22:07:51.005Z",
      "sipCallId": "BW160629967190119-250303208@199.199.3.1",
      "viaHeader": "SIP/2.0/UDP 137.192.80.11:5060*branch=z9hG4bKd92aqq303gfrd45fuqf0.1",
      "incomingDnis": "sip:911@216.221.154.120:5060;user=phone",
      "incomingFrom": "Orchard 1<sip:2183131377@137.192.80.11;user=phone;isup-oli=0>;tag=2099798727-1547935589967-",
      "incomingContact": "sip:2183131377@137.192.80.11:5060;transport=udp"
    },
    {
      "sourceTn": "3123131378",
      "callDate": "2019-01-20T17:30:18.003Z",
      "callType": "911",
      "callStatus": "Completed",
      "callDestination": "PSAP",
      "callProvisioned": "Yes",
      "callDuration": "112.64",
      "name": "MAJESTIC PINES",
      "streetNum": "1614",
      "streetInfo": "Golf Course Rd",
      "city": "Grand Rapids",
      "state": "MN",
      "postalCode": "55744",
      "callTerminated": "2019-01-20T17:32:12.005Z",
      "sipCallId": "BW113018318200119-374408938@199.199.3.1",
      "viaHeader": "SIP/2.0/UDP 137.192.80.11:5060*branch=z9hG4bKpqrq0e1068s5ufa8rkk0.1",
      "incomingDnis": "sip:911@216.221.154.120:5060;user=phone",
      "incomingFrom": "Orchard Lead<sip:2183131378@137.192.80.11;user=phone;isup-oli=0>;tag=1691782808-1548005418318-",
      "incomingContact": "sip:2183131378@137.192.80.11:5060;transport=udp"
    }
  ]
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "430",
  "status": "No Result Found"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Fields Are Required:startDate"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "414",
  "status": "Invalid value entered for:callStatus"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "400",
  "status": "Request format not recognized (Unrecognized fields in json)"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "431",
  "status": "Unable to complete the request at the moment, please try again"
}
```

Retrieve List of Trunk Groups

POST /trunkGroupList

This operation allows you to retrieve a list of your trunk groups with Inteliquent.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
trunkGroupName	Trunk Group Name	No

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	430 - No Result Found	String
	414 - Invalid value entered for:	
status	Indicates the actual error that occurred.	String
trunkGroupList	List of Trunk Groups returned	List
object	Trunk Group Object	Object
trunkGroupName	Trunk Group Name	String
customerTrunkGroupName	Customer Assigned Trunk Group Name	String
inteliquentLocation	Inteliquent Location	String
customerLocation	Customer Location	String
testTn	Trunk Group Test TN	String
status	Trunk Group Status	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupList": [
    {
      "trunkGroupName": "CHCGIL24IQT_9998",
      "customerTrunkGroupName": "ABC Pretty Graph",
      "inteliquentLocation": "CHCGIL2497T",
      "customerLocation": "CHCGIL2497T",
      "testTn": "2088015992",
      "status": "In Service"
    },
    {
      "trunkGroupName": "AGSTGAMTXSY_1340",
      "customerTrunkGroupName": "ABC Pretty Graph test",
    }
  ]
}
```

```
"inteliquentLocation": "DLLSTX3775T",
"customerLocation": "AGSTGAMTXY",
"testTn": "7146742934",
"status": "In Service"
}
]
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupName": "ABC Pretty Graph"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupList": [
    {
      "trunkGroupName": "CHCGIL24IQT_9998",
      "customerTrunkGroupName": "ABC Pretty Graph",
      "inteliquentLocation": "CHCGIL2497T",
      "customerLocation": "CHCGIL2497T",
      "testTn": "2088015992",
      "status": "In Service"
    }
  ]
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey":""
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
```

```

"privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3" ,
"trunkGroupName": "ABC Pretty Graph3"
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters:Invalid Trunk Group",
  "statusCode": "409"
}

```

Retrieve Details of Trunk Group

POST /trunkGroupDetail

This operation allows you to retrieve details for specified trunk group with Inteliquent.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
trunkGroupName	Trunk Group Name	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	430 - No Result Found	String
	414 - Invalid value entered for:(Input Fields)	String
status	Indicates the actual error that occurred.	String
trunkGroupDetail	Trunk Group Details	Object
trunkGroupName	Trunk Group Name	String
customerTrunkGroupName	Customer Assigned Trunk Group Name	String
inteliquentLocation	Inteliquent Location	String
customerLocation	Customer Location	String
twoSixCode	Two Six Code	String
inteliquentTrunkGroupNumber	Inteliquent Trunk Group Number	String
customerTrunkGroupNumber	Customer Trunk Group Number	String

sipManagement	Sip Management	String
accessType	Access Type	String
customerCircuit	Customer Circuit	String
activeSessionCount	Active Session Count	Integer
t38FaxSupport	T38 Fax Support Flag	String
fqdnResolutionType	FQDN Resolution Type	String
testTn	Trunk Group Test TN	String
status	Trunk Group Status	String
customerSipSignalingList	List of Customer SIP Signaling	List
customerSipSignalingItem	Customer SIP Signaling Item	Object
ipAddress	SIP IP Address	String
port	SIP Port	Integer
direction	SIP Direction	String
codecList	List of Codecs	List
codecItem	Codec Item	Object
codec	Codec Name	String
packetSize	Packet Size	Integer
priority	Codec Priority	Integer
faxToneTreatment	Codec Fax Tone Treatment	String
modemToneTreatment	Codec Modem Tone Treatment	String
dtmfRelay	DTMF Relay	String
silentSuppression	Silent Suppression Flag	String
percentage	Codec Percentage	Integer
customerMediaList	List of Customer Media IP	List
customerMediaItem	Customer Media IP Item	Object
ipAddress	IP Address	String
fqdnList	List of FQDN	List
fqdnItem	FQDN Item	Object
domainName	FQDN Name	String
port	FQDN Port	Integer
trunkGroupFeature	Trunk Group Feature	Object
e911Enabled	E911 Flag	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupName": "ABC Pretty Graph"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupDetail": {
    "trunkGroupName": "CHCGIL24IQT_9998",
    "customerTrunkGroupName": "ABC Pretty Graph",
    "inteliquentLocation": "CHCGIL2497T",
    "customerLocation": "CHCGIL2497T",
    "twoSixCode": "IP022401",
    "inteliquentTrunkGroupNumber": "9998",
    "customerTrunkGroupNumber": "9978",
    "sipManagement": "Sessions",
    "accessType": "Public",
    "activeSessionCount": 100,
    "customerCircuit": "",
    "t38FaxSupport": "Y",
    "fqdnResolutionType": "",
    "testTn": "2088015992",
    "status": "In Service",
    "customerSipSignalingList": {
      "customerSipSignalingItem": [
        {
          "ipAddress": "172.17.100.16",
          "port": 5060,
          "direction": "Both"
        },
        {
          "ipAddress": "69.85.136.201",
          "port": 5060,
          "direction": "From Customer"
        }
      ]
    },
    "customerMediaList": {
      "customerMediaItem": [
        {
          "ipAddress": "172.17.100.16"
        },
        {
          "ipAddress": "69.85.136.201"
        }
      ]
    },
    "codecList": {
      "codecItem": [
        {
          "codec": "G.711 U",

```

```

    "packetSize": 40,
    "priority": 1,
    "faxToneTreatment": "None",
    "modemToneTreatment": "None",
    "dtmfRelay": "2833",
    "silentSuppression": "Y",
    "percentage": 10
  },
  {
    "codec": "G.711 U",
    "packetSize": 30,
    "priority": 2,
    "faxToneTreatment": "Fax Relay",
    "modemToneTreatment": "None",
    "dtmfRelay": "2833",
    "silentSuppression": "Y",
    "percentage": 70
  },
  {
    "codec": "G.722",
    "packetSize": 30,
    "priority": 1,
    "faxToneTreatment": "Fallback to G.711",
    "modemToneTreatment": "Fallback to G.711",
    "dtmfRelay": "None = INBAND",
    "silentSuppression": "N",
    "percentage": 10
  }
]
}
"fqdnList": {
  "fqdnItem": [
    {
      "domainName": "test1.com",
      "port": 1025
    },
    {
      "domainName": "test2.com",
      "port": 1027
    }
  ]
},
trunkGroupFeature: {
  "e911Enabled": "Y"
}
}
}

```

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3" ,
  "trunkGroupName": "ABC Pretty Graph3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Input Parameters:Invalid Trunk Group",
  "statusCode": "409"
}
```

Retrieve List of Routing Options

POST /routingOptionList

This operation allows you to retrieve a list of your routing options with Inteliquent.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	430 - No Result Found	String
	414 - Invalid value entered for:	
status	Indicates the actual error that occurred.	String

routingOptionList	List of Routing Options returned	List
object	Routing Option Object	Object
routingOption	Routing Option Name	String
customerRoutingOption	Customer Assigned Routing Option Name	String
trunkGroupName	Primary Trunk Group Name	String
routingProductTypeRef	Routing Product Type Reference	String
routingProductTypeName	Routing Product Type Name	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingOptionList": [
    {
      "routingOption": "NTCHI-2783-DID-950",
      "customerRoutingOption": "Echo testing",
      "trunkGroupName": "Echo testing",
      "routingProductTypeRef": "TN",
      "routingProductTypeName": "Domestic Telephone Number"
    },
    {
      "routingOption": "NTCHI-2798-DID-950",
      "customerRoutingOption": "Test TG Route",
      "trunkGroupName": " Test TG Route",
      "routingProductTypeRef": "TN",
      "routingProductTypeName": "Domestic Telephone Number"
    }
  ]
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```


Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

Retrieve Details of Routing Option

POST /routingOptionDetail

This operation allows you to retrieve details for specified routing option with Inteliquent.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
routingOption	Routing Option Name	No

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	430 - No Result Found	String
	414 - Invalid value entered for:(Input Fields)	String
status	Indicates the actual error that occurred.	String
trunkGroupDetails	List Of Routing Options	List
Object	Routing Option Details	Object
routingOption	Routing Option Name	String
customerRoutingOption	Customer Assigned Routing Option Name	String
trunkGroupName	Primary Trunk Group Name	String
routingProductTypes	List of Routing Product Types	List
Object	Routing Product Type	Object
routingProductTypeRef	Routing Product Type Reference	String
routingProductTypeName	Routing Product Type Name	String
routingTrunkGroups	List of Routing Trunk Groups	List

Object	Routing Trunk Group	Object
trunkGroupName	Trunk Group Name	String
customerAssignedTrunkGroupName	Customer Trunk Group Name	String
trunkGroupSequence	Trunk Group Sequence	String
trunkGroupProportion	Trunk Group Proportion	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "routingOptionDetail": [
    {
      "routingOption": "NTCHI-2783-DID-950",
      "customerRoutingOption": "Echo testing",
      "trunkGroupName": "Echo testing",
      "routingProductTypes": [
        {
          "routingProductTypeRef": "TN",
          "routingProductTypeName": "Domestic Telephone Number"
        },
        {
          "routingProductTypeRef": "TF",
          "routingProductTypeName": "Toll Free"
        }
      ],
      "routingTrunkGroups": [
        {
          "trunkGroupName": "CHCGIL24TUR_3005",
          "customerAssignedTrunkGroupName": "customer TG2 14th sept",
          "trunkGroupSequence": "1",
          "trunkGroupProportion": "1"
        },
        {
          "trunkGroupName": "CHCGIL24TUR_3004",
          "customerAssignedTrunkGroupName": "customer TG2 18th sept",
          "trunkGroupSequence": "2",
          "trunkGroupProportion": "1"
        }
      ]
    }
  ]
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOptionDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey":""
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "privateKey can not blank.",
  "statusCode": "408"
}
```

Change Routing Option Name

POST /routingOption

This operation allows you to update the name of your company's assigned routing option.

Note: Use the updated routing option name when placing a new telephone number, routing option update or update telephone number update.

Value	Description	Required
privateKey	API key required to validate your application	Yes
routingOption	Current name of routing option name to be updated.	Yes
customerRoutingOption	New display name of routing	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	414 - Invalid value entered for:(Input Fields)	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	410 - DB Error:(Database Error)	String
411 - Unknown Error	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/routingOption HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "routingOption": " NTCHI-2875-DID-950",
  "customerRoutingOption": " API Rename Trunk 1663041555072"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Order

The following API calls allow you to view and manage your existing orders with Inteliquent:

- [POST /orderList](#)
- [POST /orderDetail](#)
- [POST /excludedTnList](#)
- [POST /excludedTnFromTnOrderList](#)
- [POST /excludedFeatureList](#)
- [POST /excludedE911Detail](#)
- [POST /orderUpdate](#)
- [POST /orderCancel](#)
- [POST /orderAddNote](#)
- [POST /orderNote](#)
- [POST /orderAddDocument](#)
- [POST /orderDocument](#)
- [POST /tnPortOutReject](#)
- [POST /portOutApproval](#)

View Order List

POST /orderList

This operation allows you to obtain a list of your existing orders with Inteliquent.

Parameter	Description	Required																				
privateKey	API key required to validate your application	Yes																				
orderId	Existing order number	No																				
customerOrderReference	Alphanumeric order reference name	No																				
productId	Product identifier; acceptable values include:	No																				
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>Telephone number, trunk group update, or disconnect order</td> </tr> <tr> <td>113</td> <td>Port-in order</td> </tr> <tr> <td>114</td> <td>Port-out Order</td> </tr> <tr> <td>122</td> <td>Toll-free load order</td> </tr> <tr> <td>128</td> <td>Telephone number feature order</td> </tr> <tr> <td>129</td> <td>Telephone number messaging-only order</td> </tr> <tr> <td>130</td> <td>Port-in messaging-only order</td> </tr> <tr> <td>131</td> <td>Toll-free port-in order</td> </tr> <tr> <td>134</td> <td>Toll-free inventory order</td> </tr> </tbody> </table>	Value	Description	103	Telephone number, trunk group update, or disconnect order	113	Port-in order	114	Port-out Order	122	Toll-free load order	128	Telephone number feature order	129	Telephone number messaging-only order	130	Port-in messaging-only order	131	Toll-free port-in order	134	Toll-free inventory order	
Value	Description																					
103	Telephone number, trunk group update, or disconnect order																					
113	Port-in order																					
114	Port-out Order																					
122	Toll-free load order																					
128	Telephone number feature order																					
129	Telephone number messaging-only order																					
130	Port-in messaging-only order																					
131	Toll-free port-in order																					
134	Toll-free inventory order																					
productIdList	List of productIds can be sent with ',' separated (e.g. 103,128,129)	No																				
serviceOrderReference	Order type; acceptable values include:	No																				
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>NEW</td> <td>New number order (inventory, load, or port-in)</td> </tr> <tr> <td>DISCO</td> <td>Disconnect number order</td> </tr> <tr> <td>CHANGE</td> <td>Trunk group/routing update or</td> </tr> </tbody> </table>	Value	Description	NEW	New number order (inventory, load, or port-in)	DISCO	Disconnect number order	CHANGE	Trunk group/routing update or													
Value	Description																					
NEW	New number order (inventory, load, or port-in)																					
DISCO	Disconnect number order																					
CHANGE	Trunk group/routing update or																					

feature change order														
orderStatus	Order status; acceptable values include:	No												
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INCOMPLT</td> <td>Incomplete</td> </tr> <tr> <td>PENDING</td> <td>Pending</td> </tr> <tr> <td>PCNCL</td> <td>Pending Cancel</td> </tr> <tr> <td>CNCL</td> <td>Canceled</td> </tr> <tr> <td>CLSD</td> <td>Closed</td> </tr> </tbody> </table>	Value	Description	INCOMPLT	Incomplete	PENDING	Pending	PCNCL	Pending Cancel	CNCL	Canceled	CLSD	Closed	
Value	Description													
INCOMPLT	Incomplete													
PENDING	Pending													
PCNCL	Pending Cancel													
CNCL	Canceled													
CLSD	Closed													
tn	Ten-digit telephone number (e.g. 8156680000)	No												
createdDateStartRange	Earliest order creation date to return (e.g. 2015-12-20)	No												
createdDateEndRange	Latest order creation date to return (e.g. 2015-12-20)	No												
pageSort	Contains sorting and pagination parameters	No												
property	Result sort property; acceptable values are orderId, customerOrderReference, desiredDueDate, focDate	No												
direction	Result sort direction; acceptable values are asc, desc	No												
size	Result page size; integer value	No												
page	Result page number; integer value	No												
searchId	searchId can be used as iterator, it will be returned in every response of this api. You will be able to use this parameter, only if you are receiving it in response	No												

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	418 - Character limit is exceeded for:CustomerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String
	409 - Invalid TN submitted: Must be of 10 Digits	String
409 - Invalid Input Parameters:(All Input Fields)	String	

P.S. If productid and productIdList provided then productIdList takes precedence.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "createdDateStartRange": "2015-12-22",
  "productId": 103,
  "tn": 3344123221
  "serviceOrderReference": "NEW",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1026470,
        "orderStatus": "Closed",
        "productName": "Telephone Number",
        "customerOrderReference": "TestOrder04",
        "serviceOrderName": "New",
        "desiredDueDate": "2015-12-31",
        "desiredPortTime": "",
        "tnQuantity": 1,
        "createdDate": "2015-12-21",
        "createdUser": "api_user",
        "lastModifiedString": "20151222145729830902000-0500"
      }
    ],
    "page": "1",
    "totalPages": "1",
    "totalItems": "1",
    "searchId": "141213799652"
  }
}
```

View Order Detail

POST /orderDetail

This operation allows you to obtain details about an existing order along with order notes and process notes (for Port-In orders)

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(All Input Fields)	String

*A value must be sent for either orderId or customerOrderReference

P.S. Order notes and process notes added to orderDetail API response.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "TestOrder"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": { "tnItem": [
      {
        "tn": 7735162004,
        "lsrNumber": "",
        "trunkGroup": "CHCGIL24CL1_897",
        "routingOption": "CHCGIL24CL2_997",
        "endUser": {
          "name": "Marcia Bog",
          "streetNum": 123,
          "streetPreDir": "",
          "streetName": "Winding",
          "streetType": "Way",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": "",
          "locationType3": "",
          "locationValue3": "",
          "city": "Chicago",
          "state": "IL",

```



```

        "postalCode": "60661",
        "typeOfService": "Residence",
        "status": "Received"
    },
    "tnFeature": {},
    "tnGroup": "Group ID 65159 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "0001234",
    "atn": "8885551234",
    "lata": "358",
    "rateCenter": "CHICGOZN02",
    "province": "IL",
    "tnStatus": "PIN required/invalid",
    "authName": "Marcia Bog",
    "authDate": "2016-05-20 00:00:00.0",
    "accountPin": "",
    "cnamEnabled": "N", "cnamDip": "N",
    "cnamStatus": "",
    "dlEnabled": "Y",
    "dlStatus": "Failed",
    "e911Enabled": "N",
    "e911Status": "",
    "msgEnabled": "Y",
    "msgStatus": "Complete",
    "routingLabel": "",
    "respOrgName": "",
    "respOrgPrefix": "",
    "cicList": {"cic": []},
    "cicCompanyList": {"cicCompany": []}
    ]}],
    "orderId": 1054832,
    "orderStatus": "Pending",
    "productName": "LNP Port-In",
    "serviceOrderName": "New",
    "customerOrderReference": "TestOrder",
    "createdUser": "api_user",
    "desiredDueDate": "2015-12-24",
    "desiredPortTime": "09:00 US/Central",
    "orderNotes": [ {
        "note": "This is a note!",
        "insertDate": "2015-12-16 17:09:55.0",
        "insertUser": "api_user"
    }, {
        "note": "This is another note.",
        "insertDate": "2015-12-15 17:09:55.0",
        "insertUser": "api_user"
    } ]
}
}

```

Retrieve Excluded Telephone Number List

POST /excludedTnList

This operation allows you to view an order's list of excluded numbers and reasons.

Value	Description	Required
privateKey	API key required to validate your application	Yes

orderId	Order number	No*
customerOrderReference	Customer Order Reference	No*
tn	Telephone number	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid TN submitted: Must be of 10 Digits	String

*A value must be sent for either tn or orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedTnList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "customerRef12345",
  "tn": "7278482111"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "excludedTnList": {"excludedTnItem": [
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is on an existing order",
      "insertDate": "2017-04-19",
      "displayName": "test.user@customer.com"
    },
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is already assigned to this customer",
      "insertDate": "2017-04-27",
      "displayName": "test.user@customer.com"
    }
  ]
}
```

```
  ]}
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results found",
  "statusCode": "430"
}
```

Retrieve Excluded Telephone Number List

POST /excludedTnFromTnOrderList

This operation allows you to view an order's list of excluded numbers and reasons.

Value	Description	Required
privateKey	API key required to validate your application	Yes
productIdList	Product Id List	No*

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedTnList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "productIdList": "102,109"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "excludedTnList": {"excludedTnItem": [
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is on an existing order",
      "insertDate": "2017-04-19",
      "displayName": "test.user@customer.com"
    },
    {
      "orderId": 1054832,
      "customerOrderReference": "customerRef12345",
      "tn": 7278482111,
      "excludedReason": "TN is already assigned to this customer",
      "insertDate": "2017-04-27",
      "displayName": "test.user@customer.com"
    }
  ]}
}
```

```
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "No Results found",
  "statusCode": "430"
}
```

Retrieve Excluded Feature List

POST /excludedFeatureList

This operation allows you to view an order's list of excluded number features and reasons.

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedFeatureList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
}
```

```

    "excludedFeatureList": {"excludedFeatureItem": [
      {
        "tn": 8677461244,
        "excludedReason": "Directory Listing is not supported"
      },
      {
        "tn": 8677461244,
        "excludedReason": "E911 is not supported"
      },
      {
        "tn": 8677461244,
        "excludedReason": "Port-out PIN is not supported"
      }
    ]}
  }

```

Example Response:

```

HTTP/1.1 200 OK
{ "status": "No Results found",
  "statusCode": "430" }

```

Retrieve Excluded E911 Detail

POST /excludedE911Detail

This operation allows you to retrieve an order's list of excluded numbers with details and excluded reason for which E911 feature requested but not successful due to various reasons.

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	411 - Unknown Error	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/excludedE911Detail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "excludedE911Detail": {"excludedFeatureItem": [
    {
      "tn": "3123488244",
      "name": "James Holden",
      "origStreetNum": "550",
      "origStreetInfo": "Adams",
      "origLocation": "9th floor",
      "origCity": "Chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "origPostalCodePlusFour": "3665",
      "excludedReason": "The address given could not be validated. | Please verify that the provided address is correct. | Multiple addresses found (may be missing pre-directional)",
      "insertDate": "2019-02-20",
      "displayName": "test.user@customer.com"
    },
    {
      "tn": "3123488245",
      "name": "John Charles",
      "origStreetNum": "224",
      "origStreetInfo": "Canal",
      "origLocation": "",
      "origCity": "Chicago",
      "origState": "IL",
      "origPostalCode": "60601",
      "origPostalCodePlusFour": "",
      "excludedReason": "The address given could not be validated. | Please verify that the provided address is correct. | Multiple addresses found (may be missing pre-directional)",
      "insertDate": "2019-02-20",
      "displayName": "test.user@customer.com"
    }
  ]}
}
```

Example Response:

```
HTTP/1.1 200 OK
{ "status": "No Results found",
  "statusCode": "430" }
```

Update Pending Order

POST /orderUpdate

This operation allows you to update information on a Pending order.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderUpdate	Contains updated order information	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*
desiredDueDate	New desired due date for the order (e.g. 2015-12-15)	No
desiredPortTime	New desired port time in HH:MM (e.g. 14:00)	No*
desiredPortTimeZone	Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT	No*
onDemandActivation	Acceptable values are Y and N	No*
tnList	Contains telephone number(s) to be updated	No**
tnItem	Contains telephone number(s) to be updated	No**
tn	Ten-digit telephone number to apply updates	No**
trunkGroup	New desired trunk group for the telephone number	No**
portOutPin	PIN for onnet port-out protection (Tier 0 & HI)	No
tnNote	Optional note value to be stored on the number	No
accountNum	Billing account number	No**
atn	Billing account telephone number	No**
accountPin	Alphanumeric account PIN or password	No
authName	Name of port-in authorizer	No**
authDate	Date of port-in authorization (e.g. 2015-12-15)	No**
cancelTn	Enter Y to cancel a Pending telephone number	No
endUser	End user information for the telephone number	No***
name	End user name	No***
streetNum	End user address street number (e.g. 100, 550)	No***
streetPreDir	End user address street direction prefix (e.g. N)	No
streetName	End user address street name	No***
streetType	End user address street type (e.g. St, Ave)	No
streetPostDir	End user address street direction ending (e.g. SW)	No
locationType1	End user address location type 1 (e.g. Bld, Apt)	No
locationValue1	End user address location value 1 (e.g. 1, 2B)	No
locationType2	End user address location type 2 (e.g. Flr, Ste)	No
locationValue2	End user address location value 2 (e.g. 1, 900)	No
city	End user address city	No***
state	End user address state	No***
postalCode	End user address zip code	No***
typeOfService	Acceptable values are B, Business, R and	No***

Residence

*Asterisks indicate parameters that must be sent together

*A value must be sent for either orderId or customerOrderReference

tnFeature	Contains feature updates for the telephone number	No
callerId	Changes to caller ID (CNAM)	No
callingName	New or updated caller ID outbound display name (LIDB storage); 15 characters or fewer and should have at least 1 alpha character	No
cancelFeature Request	Enter Y to cancel a request to add caller ID information to the telephone number	No
cnamDip	Change CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No
directory Listing	Changes to directory listing information	No
lastName	DL last name (if typeOfService is R) or business (if B)	No
firstName	DL last name (if typeOfService is R) or business (if B)	No
streetNum	New or updated directory listing address street number (e.g. 100, 550)	No
streetPreDir	New or updated directory listing address street direction prefix (e.g. N)	No
streetName	New or updated directory listing address street name	No
streetType	New or updated directory listing address street type (e.g. St, Ave)	No
streetPostDir	New or updated directory listing address direction ending (e.g. SW)	No
location	New or updated directory listing location (e.g. Ste 900)	No
city	New or updated directory listing address city	No
state	New or updated directory listing address state	No
postalCode	New or updated directory listing address zip code	No
cancelFeature Request	Enter Y to cancel a request to add directory listing information to the telephone number	No
e911	Changes to E911 information	No
name	New or updated E911 first and last name	No****
origStreetNum	New or updated E911 address street number (e.g. 100)	No****
origStreetInfo	New or updated E911 address street information (e.g. W Adams St)	No****
origLocation	New or updated E911 address location (e.g. Suite 900)	No
origCity	New or updated E911 address city	No****
origState	New or updated E911 address state	No****
origPostalCode	New or updated E911 address zip code	No****
origPostalCode	E911 address zip code plus four	No

PlusFour		
cancelFeature Request	Enter Y to cancel a request to add E911 information to the telephone number	No
messaging	Changes to messaging services	No
messageType	New or updated message type; acceptable values are P2P, A2PLC, and A2P8XX	No
messageClass	New or updated message class; Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	No
cancelFeature Request	Enter Y to cancel a request to add messaging services to the telephone number	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	411 - Unknown Error	String
	418 - Character limit is exceeded for:CustomerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String
	418 - Character limit is exceeded for: resellerName	String
	409 - ResellerName must be alpha numeric and can include space.	String
	409 - Invalid TN submitted:(Tn List)	String
	410 - DB Error:(Database Error)	String
409 - Invalid Input Parameters:(All Input Fields)	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderUpdate": {
    "orderId": 1026470,
    "customerOrderReference": "customerRef12345",
    "desiredDueDate": "2015-12-15",
    "desiredPortTime": "08:30:00-0600",
```

```

"tnList": {
  "tnItem": [
    {
      "tn": 3124579516,
      "cancelTn": "Y"
    },
    {
      "tn": 3124579518,
      "tnFeature": {
        "e911": {
          "name": "Patricia Burgher",
          "origStreetNum": "100",
          "origStreetInfo": "N Main St",
          "origCity": "Chicago",
          "origState": "IL",
          "origPostalCode": "60661"
        },
        "messaging": {
          "cancelFeatureRequest": "Y"
        }
      }
    }
  ]
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success"
}

```

Cancel Pending Order

POST /orderCancel

This operation allows you to cancel an order in Pending status.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String

414 - Fields Are Required:(All Required Fields)	String
431 - Unable to complete the request at the moment, please try again.	String
408 - Private Key cannot be blank.	String
410 - DB Error:(Database Error)	String
411 - Unknown Error	String
409 - Invalid Input Parameters:(All Input Fields)	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderCancel HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Add Order Note

POST /orderAddNote

This operation allows you to add a note to an existing order.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*
orderNote	Note text to be added to the order	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String

statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	410 - DB Error:(Database Error)	String
	411 - Unknown Error	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	408 - orderNote must not exceed 4000 characters.	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderAddNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345",
  "orderNote": "This is a note!"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "noteId": "29984646"
}
```

View Order Note

POST /orderNote

This operation allows you to view notes associated to an existing order.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	410 - DB Error:(Database Error)	String
	411 - Unknown Error	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	408 - orderNote must not exceed 4000 characters.	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "orderNote": {
    "orderNoteType": [ {
      "noteId": "29984650",
      "note": "This is a note!",
      "insertDate": "2015-12-16 17:09:55.0",
      "insertUser": "api_user"
    }, {
      "noteId": "29984649",
      "note": "This is another note.",
      "insertDate": "2015-12-15 17:09:55.0",
      "insertUser": "api_user"
    } ]
  }
}
```

Add Order Document

POST /orderAddDocument

This operation allows you to add a document to an existing order.

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*
documentName	Name of document to attach	Yes
documentDescription	Description for document to attach	No
fileContent	Base64 encoded document to be attached	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	410 - DB Error:(Database Error)	String
	411 - Unknown Error	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	415 - Unable to add: Order Document	String
	409 - Invalid File Content Exception: While decoding file content	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderAddDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345",
  "documentName": "TestDoc",
  "fileContent": "U29tZSB1bmNvZGVkIHRleHQ="
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "documentId": "207032"
}
```

Retrieve Order Document

POST /orderDocument

This operation allows you to retrieve documents attached to an existing order.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*
customerOrderReference	Customer Order Reference	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	410 - DB Error:(Database Error)	String

*A value must be sent for either orderId or customerOrderReference

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/orderDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1026470,
  "customerOrderReference": "customerRef12345"
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDocumentList": {
    "orderDocument": [
      {
        "documentId": 207032,
        "documentName": "TestDoc01",
        "fileContent": "U29tZSB1bmNvZGVkIHRleHQ=",
        "description": "",
        "mimeType": ""
      }
    ]
  }
}

```

Reject Port Out Telephone Number

POST /tnPortOutReject

This operation allows you to reject a TN that was submitted on a Port-Out order for specific reasons. This operation is mainly applicable to the losing carrier.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnPortOutReject	Contains TN information	Yes
tn	Ten-digit telephone number which needs to be rejected (e.g. 8156680000)	Yes
orderId	Order ID on which the TN exists that needs to be rejected	Yes
rejectReason	Reason why the TN is getting rejected on the Port Out Order. Valid Values are: "PIN": PIN required/invalid "DATAMIS": All data mismatch "AUTHNMMIS": Auth name mismatch "INVACCT": Invalid account number "INVZIPCD": Invalid zip code	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	410 - DB Error:(Database Error)	String
	414 - Invalid value entered for:(Input Fields)	String
	409 - Invalid Input Parameters:(Input Fields)	String
	411 - Unknown Error	String
status	Indicates whether the API call was successful or failure	String

Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/tnPortOutReject HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnPortOutReject":{
    "orderId":1501843,
    "tn":"8082017948",
    "rejectReason":"INVZIPCD"
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success"
}
```

Approve Port Out Order

POST /portOutApproval

This operation allows you to approve all the TNs on a Port-Out order. This operation is mainly applicable to the losing carrier.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID on which the TN exists that needs to be rejected	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	432 - TN Excluded	String
	408 - orderId can not be blank.	String

Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/portOutApproval HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1501843
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode":"200",
  "status":"Success"
}
```

Messaging Brand and Campaign Management

Bring Your Own Campaign

The following API calls allow you to create, update and provide information regarding Messaging Brand & Campaign.

These APIs are to load campaigns that have already been created via the TCR portal. Please note these do need to be approved and have Sinch elected as DCA in the TCR portal. (Recommended)

- [POST /addMessagingBrand](#)
- [POST /updateMessagingBrand](#)
- [POST /addMessagingCampaign](#)
- [POST /updateMessagingCampaign](#)
- [POST /messagingCampaignClassList](#)
- [POST /messagingBrandList](#)
- [POST /messagingBrandCampaignList](#)
- [POST /messageCampaigns](#)
- [POST /tnMessagingCampaignList](#)
- [POST /tnMessagingCampaign](#)

The following set of APIs are used to load campaigns and brands once they have been created in the TCR Portal (Recommended)

Add Messaging Brand

POST /addMessagingBrand

This operation allows you to create a messaging brand.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
messagingBrandId	Brand ID	Yes
messagingBrandName	Messaging Brand Name	No
messagingBrandDescription	Messaging Brand Description	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String

409 - Invalid Input Parameters:(All Input Fields)	String
411 - Unknown Error	String
409 - Invalid messagingBrandId format, should start with B and contain alphanumeric characters only	String
470 - Brand Name already exists	String
410 - DB Error:(Database Error)	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/addMessagingBra HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345",
  "messagingBrandName": "BRANDName",
  "messagingBrandDescription": "Brand Description"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Update Messaging Brand

POST /updateMessagingBrand

This operation allows you to update a messaging brand.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
messagingBrandId	Messaging Brand ID	Yes
messagingBrandName	Messaging Brand Name	No
messagingBrandDescription	Messaging Brand Description	No
isActive	Messaging Brand is Active Or In Active. Value To be "Y" or "y"/ "N" or "n"	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	411 - Unknown Error	String
	409 - Invalid messagingBrandId format, should start with B and contain alphanumeric characters only	String
	470 - Brand Name already exists	String
410 - DB Error:(Database Error)	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/updateMessagingBrand HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345",
  "messagingBrandName": "BRANDNAME",
  "messagingBrandDescription": "description details",
  "isActive": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Add Messaging Campaign

POST /addMessagingCampaign

This operation allows you to add a messaging campaign.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
messagingBrandId	Messaging Brand ID	Yes

messagingBrandName	Messaging Brand Name	No
externalCampaignId	Campaign Any External Campaign Id	Yes
campaignDescription	Messaging Campaign Description	No
campaignClassName	Messaging Campaign Class Name	Yes
campaignStartDate	Messaging Campaign Start Date	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	411 - Unknown Error	String
	409 - Invalid messagingBrandId format, should start with B and contain alphanumeric characters only	String
	409 - Invalid externalCampaignId format	String
	409 - externalCampaignId is not ACTIVE	String
	409 - externalCampaignId is not registered	String
	430 - No Result Found	String
	410 - DB Error:(Database Error)	String
	Invalid Brand is not active	String
Invalid Brand does not exist	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/addMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "messagingBrandId": "B12345",
  "externalCampaignId": "86989",
  "campaignDescription": "Campaign-2",
  "campaignClassName": "YA",
  "campaignStartDate": "2021-01-01T00:00:00.000Z"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Update Messaging Campaign

POST /updateMessagingCampaign

This operation allows you to update a messaging campaign.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
externalCampaignId	External Campaign ID	No
messagingCampaignId	Messaging Campaign ID	Yes
campaignDescription	Messaging Campaign Description	No
campaignClassName	Messaging Campaign Class Name	Yes
campaignStartDate	Messaging Campaign Start Date	Yes
campaignEndDate	Messaging Campaign End Date	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	411 - Unknown Error	String
	409 - Invalid externalCampaignId format	String
	409 - externalCampaignId is not ACTIVE	String
	409 - externalCampaignId is not registered	String
	430 - No Result Found	String
410 - DB Error:(Database Error)	String	

1759 - Bad data. Error completing the request at the moment. String

409 - Campaign has TNs associated please remove the TNs and try again String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/updateMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "externalCampaignId": "C12345",
  "messagingCampaignId": "23",
  "campaignDescription": "Campaign-2",
  "campaignClassName": "YA",
  "campaignStartDate": "2021-01-01T00:00:00.000Z",
  "campaignEndDate": "2021-01-02T00:00:00.000Z"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Messaging Campaign Class List

POST /messagingCampaignClassList

This operation allows you to view Campaign Class List.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates the actual error that occurred.	String

messageCampaignClassList	List of Campaign Class	Object
messageCampaignClassItem	List of Campaign Class Item	List
messagingCampaignClassName	Name of Campaign Class	String
messagingCampaignClassReference	Reference Name of Campaign Class	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingCampaignClassList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messageCampaignClassList": {
    "messageCampaignClassItem": [
      {
        "messagingCampaignClassName": "A"
      },
      {
        "messagingCampaignClassName": "Testing Campaign 1"
      }
    ]
  }
}
```

Messaging Brand List

POST /messagingBrandList

This operation allows you to view Brands List.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
messagingBrandId	Search by messaging brand ID	No
messagingBrandName	Search by messaging brand name	No

Response:

Parameter	Description	Type
statusCode	200 - Successful	String

	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates the actual error that occurred.	String
messagingBrandList	List of Brands	List
messagingBrandItem	Brand Item object	Object
messagingBrandId	External Brand ID	String
messagingBrandName	Name of Brand	String
messagingBrandDescription	Description of Messaging Brand	String
isActive	Messaging Brand is Active or Inactive	String
	Possible Values: Y or N	

Example Request 1:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Request 2:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "messagingBrandId": "B12345"
}
```

Example Request 3:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "messagingBrandName": "brand name"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandList": {
```

```

    "messagingBrandItem": [
      {
        "messagingBrandId": "BTEST123",
        "messagingBrandName": "Brand A",
        "messagingBrandDescription": "Brand A Description",
        "isActive": "Y"
      },
      {
        "messagingBrandId": "BTEST345",
        "messagingBrandName": "Brand B",
        "messagingBrandDescription": "Brand B Description",
        "isActive": "Y"
      }
    ]
  }
}
    
```

Messaging Brand Campaign List

POST /messagingBrandCampaignList

This operation allows you to view Brands List.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
messagingBrandId	External Brand ID	No
messagingBrandName	Messaging Brand Name to filter by Brand Name	No

Response:

Parameter	Description	Type
statusCode	200 - Successful 414 - Fields Are Required:(All Required Fields) 431 - Unable to complete the request at the moment, please try again. 408 - Private Key cannot be blank. 430 - No Result Found	String
status	Indicates the actual error that occurred.	String
messagingBrandCampaignList	List of Campaigns associated with a Brand	List
messagingBrandCampaignItem	Brand Campaign Item object	Object
messagingBrandId	External Brand Id	String
messagingBrandName	Name of Brand	String
messagingBrandDescription	Description of Messaging Brand	String
externalCampaignId	External Id of Messaging Campaign	String

messagingCampaignId	Id of Messaging Campaign	String
campaignDescription	Description of Messaging Campaign	String
campaignClassName	Name of Messaging Campaign Class	String
campaignStartDate	Messaging Campaign Start Date	String
campaignEndDate	Messaging Campaign End Date	String
isDcaApproved	Indicates if the campaign is approved by the DCA. Possible values: Y and N	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrandCampaignList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "messagingBrandName": "Abcd"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandCampaignList": {
    "messagingBrandCampaignItem": [
      {
        "messagingBrandName": "AAA Test",
        "messagingBrandDescription": "AAA Test Description"
      },
      {
        "externalCampaignId": "444",
        "campaignDescription": "Campaign start date test",
        "campaignClassName": "Z",
        "campaignStartDate": "2021-05-24T00:00:00.000Z",
        "campaignEndDate": "9999-12-31T00:00:00.000Z",
        "messagingCampaignId": "280",
        "messagingBrandName": "AAAB Test",
        "messagingBrandDescription": "AAAB Test Description",
        "isDCAApproved": "Y"
      }
    ]
  }
}
```

Messaging Campaign List

POST /messageCampaigns

This operation allows you to retrieve the current list of messaging campaigns.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
status	Indicates whether the API call was successful or failure	String
messageCampaignList	List containing messaging campaigns	List
messageCampaignItem	Contains campaign attributes	
msgCampaignId	Campaign ID	String
description	Description of the campaign	String
startDate	Start date for the campaign	ISO 8279 Date format
endDate	End date for the campaign	ISO 8279 Date format
isBillable	Y or N – to indicate if the campaign is a billable campaign or not	String
isDcaApproved	Indicates if the campaign is approved by the DCA. Possible values: Y and N	String

Example Request 1 – Retrieve List of messaging campaigns:

```
POST https://services.inteliquent.com/Services/1.0.0/messageCampaigns HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " xCgGgoKzWZFH9AXb50A0yn6x8"
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messageCampaignList": {
    "messageCampaignItem": [
      {
        "msgCampaignId": "C696U7D",
        "description": "Waitlist Me",
        "startDate": "2020-10-28T00:00:00.000Z",
        "endDate": "9999-12-31T00:00:00.000Z",
        "isBillable": "N",
        "isDcaApproved": "Y"
      },
      {
        "msgCampaignId": "CXFXN8B",
        "description": "Customer Care Notifications of construction progress;
Notifications or customer care actions or scheduled dates and events that they have
requested",
        "startDate": "2021-02-17T00:00:00.000Z",
        "endDate": "9999-12-31T00:00:00.000Z",
        "isBillable": "N",
        "isDcaApproved": "N"
      }
    ]
  }
}

```

Example Response if no campaigns are found:

```

HTTP/1.1 200 OK
{
  "status": "No Result Found",
  "statusCode": "430"
}

```

TN Messaging Campaign List

POST /tnMessagingCampaignList

This operation allows you to retrieve the list of TNs that have messaging campaigns assigned.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
status	Indicates whether the API call was successful or failure	String
messageCampaignList	List containing messaging campaigns	List
messageCampaignItem	Contains campaign attributes	
msgCampaignId	Campaign ID	String
description	Description of the campaign	String
startDate	Start date for the campaign	ISO 8279 Date format
endDate	End date for the campaign	ISO 8279 Date format
isBillable	Y or N – to indicate if the campaign is a billable campaign or not	String

Example Request 1 – Retrieve List of TNs with messaging campaigns:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingCampaignList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " xCgGgoKzWZFH9AXb50A0yn6x8"
}
```

Example Response:

```
HTTP/1.1 200 OK
{ {
  "status": "Success",
  "statusCode": "200",
  "tnMessageCampaignList": {
    "tnMessageCampaignItem": [
      {
        "tn": "2062788473",
        "msgCampaignId": "CLLOE4H"
      },
      {
        "tn": "2062788474",
        "msgCampaignId": "CLLOE4H"
      },
      {
        "tn": "2062793684",
        "msgCampaignId": "CLLOE4H"
      }
    ]
  }
}
```

```
{
  {
    "tn": "2063394937",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2063394938",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2063395708",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2096434767",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "2762432639",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "4698156021",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "5414404030",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "6304390865",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "6467223300",
    "msgCampaignId": "CLLOE4H"
  },
  {
    "tn": "6467223301",
    "msgCampaignId": "CLLOE4H"
  }
}
]
```

Example Response if no campaigns are found:

```
HTTP/1.1 200 OK
{
  "status": "No Result Found",
  "statusCode": "430"
}
```


Adding Messaging Campaigns to TNs

POST /tnMessagingCampaign

This operation allows you to assign a given messaging campaign to a list of telephone numbers.

To remove the campaign from a TN, please pass the removeTnCampaign element with a value of "Y".

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tnCampaign	Contains telephone number campaign attributes	Yes
customerOrderReference	Customer's order reference	No
tnList	List containing TNs to which the campaigns need to be assigned	Yes
tnItem	Contains telephone number attributes	
tn	Ten-digit telephone number to which the campaign is to be assigned to or removed	Yes
tnFeature	Contains feature attributes	Yes
messaging	Contains message campaign attributes	Yes
tnCampaign	Campaign ID to be assigned to the TN	No
removeTnCampaign	If you want to remove the campaign associated with the given TNs, then pass this flag with a value of "Y"	No

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	422 - Order quantity limit is 100,000 numbers.	String
	409 - Invalid TN submitted:(Tn List)	String
	409 - Invalid Input Parameters:(All Input Fields)	String
	410 - DB Error:(Database Error)	String
	432 - TN Excluded	
status	Indicates whether the API call was successful or failure	String
orderId	Order Id created for the submitted request	int

Example Request 1 – Add new campaign to a TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingCampaign HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8",
  "tnCampaign": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2312518282",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        },
        {
          "tn": "6142959262",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        },
        {
          "tn": "6143507488",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        },
        {
          "tn": "8135788989",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CXFXN8B"
            }
          }
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "14753748"
}
```

Example Request 2 – Remove campaign from multiple TN:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingCampaign HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8",
  "privateKey": "xCgGgoKzWZFH9AXb50A0yn6x8",
  "tnCampaign": {
    "tnList": {
      "tnItem": [
        {
          "tn": "2312518282",
          "tnFeature": {
            "messaging": {
              "removeTnCampaign": "Y"
            }
          }
        },
        {
          "tn": "6142959262",
          "tnFeature": {
            "messaging": {
              "removeTnCampaign": "Y"
            }
          }
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 14753748
}
```

Create your brand and campaign

The following set of APIs are used to create campaigns and brands via integration into the TCR System. We recommend that you create them directly with TCR and load them using the first set of APIs.

Reference List APIs - The first set of Reference List APIs provide details that are required to create the brands and campaigns in the second set of Provisioning APIs.

- [POST /messagingBrand/entityList](#)
 - Call this endpoint to obtain a list of supported entities
- [POST /messagingBrand/relationshipList](#)
 - Call this endpoint to retrieve supported relationships and one needs to be passed to provision a brand
- [POST /messagingBrand/brandStatusList](#)

- Call this endpoint to retrieve supported brand status lists and one needs to be passed to provision a brand
- [POST /messagingBrand/brandStockExchangeList](#)
 - Call this endpoint to retrieve supported stock exchange lists and one needs to be passed to provision a brand
- [POST /messagingBrand/alternateBusinessIdTypeList](#)
 - Call this endpoint to retrieve supported alternate business IDs and one needs to be passed to provision a brand
- [POST /messagingBrand/alternateBusinessIdTypeList](#)
 - Call this endpoint to retrieve supported alternate business Id Lists and one needs to be passed to provision a brand
- [POST /messagingBrand/verticalList](#)
 - Call this endpoint to retrieve supported brand vertical lists and one needs to be passed to provision a brand

Provisioning APIs – These endpoints are to use the Sinch portal to create brands and campaigns in the TCR system. It is recommended that you do this directly with TCR and use the above APIs to load them in our portal after they are created but both options are available for your convenience.

- [POST /brandOrder](#)
- [POST /brandOrderList](#)
- [POST /brandOrderDetail](#)
- [POST /messagingBrand/useCaseList](#)
 - Call this endpoint to retrieve supported use cases for your brand and one needs to be passed to provision a brand
- [POST /messagingBrand/subUseCaseList](#)
 - Call this endpoint to retrieve supported sub use cases by and one needs to be passed to provision a brand if your use case has a minSubUseCases value of greater than zero
- [POST /campaignOrder](#)
- [POST /campaignOrderList](#)
- [POST /campaignOrderDetail](#)
- [POST /campaignDetail](#)
- [POST /registerCampaignCredentials](#)
- [POST /campaignCredentials](#)

Supported Entity List

POST /messagingBrand/entityList

This operation retrieves the list of entities that are supported by Inteliquent. One these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String

	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
status	Indicates whether the API call was successful or failure	String
messagingBrandEntities	List containing entities supported.	List
brandEntityRef	Brand Entity Reference.	String
brandEntityName	Name of the entity.	String
abbreviation	Abbreviation for the entity.	String

Example Request 1 – Get the entity list:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/entityList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandEntities": [
    {
      "brandEntityRef": "PRIVPROFIT",
      "brandEntityName": "Private Profit",
      "abbreviation": "PRIVATE_PROFIT"
    },
    {
      "brandEntityRef": "PUBPROFIT",
      "brandEntityName": "Public Profit",
      "abbreviation": "PUBLIC_PROFIT"
    },
    {
      "brandEntityRef": "NONPROFIT",
      "brandEntityName": "Non Profit",
      "abbreviation": "NON_PROFIT"
    },
    {
      "brandEntityRef": "GOVT",
      "brandEntityName": "Government",
      "abbreviation": "GOVERNMENT"
    }
  ]
}
```

Supported Relationships

POST /messagingBrand/relationshipList

This operation allows you to retrieve supported relationship lists. One these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
messagingBrandRelationships	List containing relationships.	List
brandRelationshipRef	Brand Relationship Reference	String
brandRelationshipName	Relationship name	String
abbreviation	Relationship abbreviation	String

Example Request 1 – Get relationship List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/relationshipList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey":"Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandRelationships": [
    {
      "brandRelationshipRef": "BSC",
      "brandRelationshipName": "Basic Account",
      "abbreviation": "BASIC_ACCOUNT"
    },
    {
      "brandRelationshipRef": "SML",
      "brandRelationshipName": "Small Account",
      "abbreviation": "SMALL_ACCOUNT"
    }
  ],
}
```

```

    {
      "brandRelationshipRef": "MED",
      "brandRelationshipName": "Medium Account",
      "abbreviation": "MEDIUM_ACCOUNT"
    },
    {
      "brandRelationshipRef": "LRG",
      "brandRelationshipName": "Large Account",
      "abbreviation": "LARGE_ACCOUNT"
    },
    {
      "brandRelationshipRef": "KEY",
      "brandRelationshipName": "Key Account",
      "abbreviation": "KEY_ACCOUNT"
    }
  ]
}
    
```

Supported Status List

POST /messagingBrand/brandStatusList

This operation allows you to retrieve supported brand status list. One these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
messagingBrandStatuses	List containing status.	List
brandStatusRef	Brand status reference	String
brandStatusName	Status name	String
abbreviation	Status abbreviation	String

Example Request 1 – Get Status List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/brandStatusList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandStatuses": [
    {
      "brandStatusName": "Pending",
      "abbreviation": "PENDING"
    },
    {
      "brandStatusName": "Complete",
      "abbreviation": "COMPLETE"
    },
    {
      "brandStatusName": "Failed",
      "abbreviation": "FAILED"
    },
    {
      "brandStatusName": "In Progress",
      "abbreviation": "INPROGRESS"
    },
    {
      "brandStatusName": "Canceled",
      "abbreviation": "CANCELED"
    }
  ]
}
```

Supported Stock Exchange List

POST /messagingBrand/brandStockExchangeList

This operation allows you to retrieve supported stock exchange list. One these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
messagingBrandStockExchangeList	List containing stock exchange list.	List
brandStockExchangeRef	Brand Stock Exchange reference	String
brandStockExchangeName	Stock Exchange name	String
abbreviation	Stock Exchange abbreviation	String

Example Request 1 – Get Stock Exchange List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/brandStockExchangeList
HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandStockExchangeList": [
    {
      "brandStockExchangeRef": "NONE",
      "brandStockExchangeName": "None",
      "abbreviation": "NONE"
    },
    {
      "brandStockExchangeRef": "NASDAQ",
      "brandStockExchangeName": "Nasdaq Stock Exchange",
      "abbreviation": "NASDAQ"
    },
    {
      "brandStockExchangeRef": "NYSE",
      "brandStockExchangeName": "NewYork Stock Exchange",
      "abbreviation": "NYSE"
    },
    {
      "brandStockExchangeRef": "AMEX",
      "brandStockExchangeName": "American Stock Exchange",
      "abbreviation": "AMEX"
    }
  ]
}
```

```
{
  "brandStockExchangeRef": "AMX",
  "brandStockExchangeName": "Armenia Securities Exchange",
  "abbreviation": "AMX"
},
{
  "brandStockExchangeRef": "ASX",
  "brandStockExchangeName": "Australian Securities Exchange",
  "abbreviation": "ASX"
},
{
  "brandStockExchangeRef": "B3",
  "brandStockExchangeName": "Brasil Stock Exchange",
  "abbreviation": "B3"
},
{
  "brandStockExchangeRef": "BME",
  "brandStockExchangeName": "Bolsas y Mercados Españoles",
  "abbreviation": "BME"
},
{
  "brandStockExchangeRef": "BSE",
  "brandStockExchangeName": "Bombay Stock Exchange",
  "abbreviation": "BSE"
},
{
  "brandStockExchangeRef": "FRA",
  "brandStockExchangeName": "Frankfurt Stock Exchange",
  "abbreviation": "FRA"
},
{
  "brandStockExchangeRef": "ICEX",
  "brandStockExchangeName": "Indian Commodity Exchange",
  "abbreviation": "ICEX"
},
{
  "brandStockExchangeRef": "JPX",
  "brandStockExchangeName": "Japan Exchange Group",
  "abbreviation": "JPX"
},
{
  "brandStockExchangeRef": "JSE",
  "brandStockExchangeName": "Johannesburg Stock Exchange",
  "abbreviation": "JSE"
},
{
  "brandStockExchangeRef": "KRX",
  "brandStockExchangeName": "Korean Exchange",
  "abbreviation": "KRX"
},
{
  "brandStockExchangeRef": "LON",
  "brandStockExchangeName": "London Stock Exchange",
  "abbreviation": "LON"
},
{
  "brandStockExchangeRef": "NSE",
  "brandStockExchangeName": "National Stock Exchange - India",
  "abbreviation": "NSE"
},
},
```

```
{
  {
    "brandStockExchangeRef": "OMX",
    "brandStockExchangeName": "Nasdaq Nordic",
    "abbreviation": "OMX"
  },
  {
    "brandStockExchangeRef": "SEHK",
    "brandStockExchangeName": "Stock Exchange of Hong Kong",
    "abbreviation": "SEHK"
  },
  {
    "brandStockExchangeRef": "SGX",
    "brandStockExchangeName": "Singapore Exchange Limited",
    "abbreviation": "SGX"
  },
  {
    "brandStockExchangeRef": "SSE",
    "brandStockExchangeName": "Shanghai Stock Exchange",
    "abbreviation": "SSE"
  },
  {
    "brandStockExchangeRef": "STO",
    "brandStockExchangeName": "Stockholm Stock Exchange",
    "abbreviation": "STO"
  },
  {
    "brandStockExchangeRef": "SWX",
    "brandStockExchangeName": "Swx Swiss Exchange",
    "abbreviation": "SWX"
  },
  {
    "brandStockExchangeRef": "SZSE",
    "brandStockExchangeName": "Shenzhen Stock Exchange",
    "abbreviation": "SZSE"
  },
  {
    "brandStockExchangeRef": "TSX",
    "brandStockExchangeName": "Toronto Stock Exchange",
    "abbreviation": "TSX"
  },
  {
    "brandStockExchangeRef": "TWSE",
    "brandStockExchangeName": "Taiwan Stock Exchange",
    "abbreviation": "TWSE"
  },
  {
    "brandStockExchangeRef": "VSE",
    "brandStockExchangeName": "Vancouver Stock Exchange",
    "abbreviation": "VSE"
  },
  {
    "brandStockExchangeRef": "OTHER",
    "brandStockExchangeName": "Others",
    "abbreviation": "OTHER"
  }
}
]
```

Supported Alternate Business ID List

POST /messagingBrand/alternateBusinessIdTypeList

This operation allows you to retrieve supported alternate business ID list. One these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
messagingBrandAlternateBusinessIdTypes	List containing alternate business ID.	List
brandAlternateBusinessIdTypeRef	Brand Alternate business ID reference	String
brandAlternateBusinessIdTypeName	Alternate ID name	String
abbreviation	Alternate ID abbreviation	String

Example Request 1 – Get Alternate Business ID List:

```
POST
https://services.inteliquent.com/Services/1.0.0/messagingBrand/alternateBusinessIdTypeList
HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandAlternateBusinessIdTypes": [
    {
      "brandAlternateBusinessIdTypeRef": "NONE",
      "brandAlternateBusinessIdTypeName": "NONE",
      "abbreviation": "NONE"
    }
  ],
  {
```

```

        "brandAlternateBusinessIdTypeRef": "DUNS",
        "brandAlternateBusinessIdTypeName": "DUNS",
        "abbreviation": "DUNS"
    },
    {
        "brandAlternateBusinessIdTypeRef": "GIIN",
        "brandAlternateBusinessIdTypeName": "GIIN",
        "abbreviation": "GIIN"
    },
    {
        "brandAlternateBusinessIdTypeRef": "LEI",
        "brandAlternateBusinessIdTypeName": "LEI",
        "abbreviation": "LEI"
    }
    ]
}
    
```

Supported Vertical List

POST /messagingBrand/verticalList

This operation allows you to retrieve supported brand vertical list. One these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
messagingBrandVerticals	List containing supported verticals.	List
brandVerticalRef	Brand vertical reference	String
brandVerticalName	Vertical name	String
abbreviation	Vertical abbreviation	String

Example Request 1 – Get Vertical List:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/verticalList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandVerticals": [
    {
      "brandVerticalRef": "PROF",
      "brandVerticalName": "Professional",
      "abbreviation": "PROFESSIONAL"
    },
    {
      "brandVerticalRef": "REAL",
      "brandVerticalName": "Real Estate",
      "abbreviation": "REAL_ESTATE"
    },
    {
      "brandVerticalRef": "HC",
      "brandVerticalName": "Healthcare",
      "abbreviation": "HEALTHCARE"
    },
    {
      "brandVerticalRef": "HR",
      "brandVerticalName": "Human Resources",
      "abbreviation": "HUMAN_RESOURCES"
    },
    {
      "brandVerticalRef": "ENERGY",
      "brandVerticalName": "Energy",
      "abbreviation": "ENERGY"
    },
    {
      "brandVerticalRef": "ENT",
      "brandVerticalName": "Entertainment",
      "abbreviation": "ENTERTAINMENT"
    },
    {
      "brandVerticalRef": "RETAIL",
      "brandVerticalName": "Retail",
      "abbreviation": "RETAIL"
    },
    {
      "brandVerticalRef": "TRANSP",
      "brandVerticalName": "Transportation",
      "abbreviation": "TRANSPORTATION"
    },
    {
      "brandVerticalRef": "AGRI",
      "brandVerticalName": "Agriculture",
      "abbreviation": "AGRICULTURE"
    }
  ],
}
```

```
{
  "brandVerticalRef": "INS",
  "brandVerticalName": "Insurance",
  "abbreviation": "INSURANCE"
},
{
  "brandVerticalRef": "POSTAL",
  "brandVerticalName": "Postal",
  "abbreviation": "POSTAL"
},
{
  "brandVerticalRef": "EDU",
  "brandVerticalName": "Education",
  "abbreviation": "EDUCATION"
},
{
  "brandVerticalRef": "HOSP",
  "brandVerticalName": "Hospitality",
  "abbreviation": "HOSPITALITY"
},
{
  "brandVerticalRef": "FIN",
  "brandVerticalName": "Financial",
  "abbreviation": "FINANCIAL"
},
{
  "brandVerticalRef": "POL",
  "brandVerticalName": "Political",
  "abbreviation": "POLITICAL"
},
{
  "brandVerticalRef": "GAMB",
  "brandVerticalName": "Gambling",
  "abbreviation": "GAMBLING"
},
{
  "brandVerticalRef": "LEGAL",
  "brandVerticalName": "Legal",
  "abbreviation": "LEGAL"
},
{
  "brandVerticalRef": "CONST",
  "brandVerticalName": "Construction",
  "abbreviation": "CONSTRUCTION"
},
{
  "brandVerticalRef": "NGO",
  "brandVerticalName": "Non Profit Organisation",
  "abbreviation": "NGO"
},
{
  "brandVerticalRef": "MANF",
  "brandVerticalName": "Manufacturing",
  "abbreviation": "MANUFACTURING"
},
{
  "brandVerticalRef": "GOVT",
  "brandVerticalName": "Government",
  "abbreviation": "GOVERNMENT"
},
},
```

```

    {
      "brandVerticalRef": "TECH",
      "brandVerticalName": "Technology",
      "abbreviation": "TECHNOLOGY"
    },
    {
      "brandVerticalRef": "COMM",
      "brandVerticalName": "Communication",
      "abbreviation": "COMMUNICATION"
    }
  ]
}

```

Create a new Brand

POST /brandOrder

This operation allows you to submit an order to create/register a new brand.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
brandOrder	Encapsulating object	Yes
customerOrderReference	Customer's order reference	Yes
brandList	List of brands included in the order	Yes
brandItem	Array of all brands included in the order	Array
displayName	Company's Display Name	Yes
street	Address of the company	Yes
city	City of the company	Yes
state	State for the company	Yes
postalCode	Postal Code for the company	Yes
country	Country for the company	Yes
companyName	Company Name	See Table
phone	Phone Number of the company contact	Yes
email	Email address of the company contact	Yes
einIssuingCountry	Country that issued the Federal ID	See Table
ein	Federal ID of the company	See Table
stockSymbol	Stock symbol of the company	See Table
website	Web address of the company	See Table
altBusinessIdType	Alternate Business ID if any	See Table
msgBrandName	Brand Name	Yes
brandStatus	Brand status	Yes

entity	Type of Entity	Yes
relationship	Type of Relationship	See Table
stockExchange	Stock Exchange on which the company is listed	See Table
altBusinessName	Alternate Business Name	See Table
vertical	Business vertical for the company	See Table

Please see below table to list of required values by entity type.

Property Name	Description	Validation	Entity PRIVATE_PROFIT	Entity PUBLIC_PROFIT	Entity NON_PROFIT	Entity GOVERNMENT
displayName	Brand/Marketing/DBA name of the business	Max length 255	Reqd	Reqd	Reqd	Reqd
companyName	The legal name of the business	Max length 255	Reqd	Reqd	Reqd	Reqd
ein	Tax ID of the business	Max length 21	Reqd	Reqd	Reqd	Reqd
einIssuingCountry	2 letter ISO-2 country code of Tax ID issuing country. E.g. US, CA	Default to country. Length 2.	Optional	Optional	Optional	Optional
altBusinessIdType	Alternative Business Identifier Type. e.g. DUNS, LEI, GIIN.	Enumerated values	Optional	Optional	Optional	Optional
altBusinessId	Alternative Business Identifier	Max length 50	Optional	Optional	Optional	Optional
firstName	First name of business contact	Max length 100	N/A	N/A	N/A	N/A
lastName	Last name of business contact	Max length 100	N/A	N/A	N/A	N/A
phone	The support contact telephone in e.164 format. E.g. +12023339999	Max length 20	Reqd	Reqd	Reqd	Reqd
street	Street name and house number. E.g. 1000 Sunset Hill Road	Max length 100	Reqd	Reqd	Reqd	Reqd
city	City name	Max length 100	Reqd	Reqd	Reqd	Reqd
state	State or province. For the United States, please use 2 character codes. E.g. 'CA' for California.	Max length 20	Reqd	Reqd	Reqd	Reqd
postalCode	Zipcode or postal code. E.g. 21012	Max length 10	Reqd	Reqd	Reqd	Reqd
country	2 letter ISO-2 country code. E.g. US, CA	Length 2	Reqd	Reqd	Reqd	Reqd
email	The email address of support contact	Max length 100	Reqd	Reqd	Reqd	Reqd
stockSymbol	The stock symbol of the brand	Max length 10	N/A	Reqd	N/A	N/A
stockExchange	The stock exchange of the brand	Enumerated values	N/A	Reqd	N/A	N/A
website	The website of the business	Max length 100	Optional	Optional	Optional	Optional
brandRelationship	Brand relationship level assessed by CSP	Enumerated values	Reqd	Reqd	Reqd	Reqd
vertical	The segment in which the business operates in	Enumerated values	Reqd	Reqd	Reqd	Optional

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Please setup tcr credentials on TCR API Key page	
	419 - Error Occurred: Account not message-enabled, remove messaging from request	String
	414 - Messaging is not enabled for Customer	String
	414 - Invalid value entered for:(All Fields)	String
	418 - Character limit is exceeded for:(All String Fields)	String
		410 - DB Error:(Database Error)
orderId	Order ID for the submitted request	Integer
result	Array of Strings indicating any errors that may have occurred	Array

Example Request 1 – Create a Brand Order:

```

POST https://services.inteliquent.com/Services/1.0.0/brandOrder HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "brandOrder": {
    "customerOrderReference": "12345",
    "brandList": {
      "brandItem": [
        {
          "displayName": "My Test brand",
          "entity": "PUBLIC_PROFIT",
          "brandRelationship": "BASIC_ACCOUNT",
          "street": "910 Deer Valley Rd",
          "city": "Holly",
          "country": "US",
          "state": "Mi",
          "postalCode": "48442",
          "companyName": "Yana Test Company",
          "phone": "1231231234",
          "email": "yogalakshmi.santharam@inteliquent.com",
          "ein": "1231231234",
          "stockSymbol": "test",
          "stockExchange": "AMEX",
          "altBusinessIdType": "GIIN",
          "vertical": "CONSTRUCTION"
        }
      ]
    }
  }
}

```

```

    ]
  }
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 23456789,
}

```

List Brand Orders

POST /brandOrderList

This operation allows you to retrieve a list of brand orders.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to filter the results	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	409 - Invalid Input Parameters: sortDirection can be either ASC or DESC	String
	418 - Character limit is exceeded for:customerOrderReference	String
	410 - DB Error:(Database Error)	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , {, >, =,], [, !	
430 - No Result Found	String	
orderList	List containing orders.	List

orderType	Array of brand orders	Array
orderId	Order Id	Int
orderStatus	Order Status	String
customerOrderReference	Customer Order reference	String
quantity	Quantity for the Order	Int
createdDate	Date the Order was created	Date
createdUser	User who submitted the order	String

Example Request 1 – Get Full Brand Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/brandOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1534051,
        "orderStatus": "Pending",
        "customerOrderReference": "Test123",
        "quantity": 1,
        "createdDate": "2021-12-03T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      },
      {
        "orderId": 1533895,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-12-02T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533894,
        "orderStatus": "Pending",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-12-02T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1533400,
        "orderStatus": "Closed",
        "customerOrderReference": "test brand example",
        "quantity": 1,
        "createdDate": "2021-11-30T00:00:00.000+00:00",

```

```
    "createdUser": "api_user"
  },
  {
    "orderId": 1533399,
    "orderStatus": "Closed",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  },
  {
    "orderId": 1533398,
    "orderStatus": "Pending",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  },
  {
    "orderId": 1533397,
    "orderStatus": "Pending",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  },
  {
    "orderId": 1533395,
    "orderStatus": "Pending",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  },
  {
    "orderId": 1533394,
    "orderStatus": "Pending",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  },
  {
    "orderId": 1533392,
    "orderStatus": "Pending",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  },
  {
    "orderId": 1533335,
    "orderStatus": "Pending",
    "customerOrderReference": "test brand example",
    "quantity": 1,
    "createdDate": "2021-11-30T00:00:00.000+00:00",
    "createdUser": "api_user"
  }
]
},
```

```

"page": "null",
"totalPages": "1",
"totalItems": "11",
"searchId": "257712245847",
"size": "null"
}

```

Example Request 2 – Get specific Brand Order List:

```

POST https://services.inteliquent.com/Services/1.0.0/brandOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "9gc4biH1DWrNFzuwIIP2BjtwVezX",
  "orderId": 1534051
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1534051,
        "orderStatus": "Pending",
        "customerOrderReference": "Test123",
        "quantity": 1,
        "createdDate": "2021-12-03T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      }
    ]
  },
  "page": "null",
  "totalPages": "1",
  "totalItems": "11",
  "searchId": "257712245847",
  "size": "null"
}

```

Get Brand Order Details

POST /brandOrderDetail

This operation allows you to retrieve details for a specific brand order.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to filter the results	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
brandOrderDetailResponse	Brand Order Details.	
orderId	Order Id	Int
orderStatus	Order Status	String
customerOrderReference	Customer Order reference	String
quantity	Quantity for the Order	Int
createdDate	Date the Order was created	Date
createdUser	User who submitted the order	String
orderNotes	Array of order notes if any	Object
note	Note description	String
insertDate	Date the note was entered	Date
insertUser	The user that created the note	String
brandList	List of brands included in the order	Object
brandItem	Array of all brands included in the order	Array
firstName	First Name of the person who placed the order	String
lastName	Last Name of the person who placed the order	String
street	Address of the company	String
city	City of the company	String
state	State for the company	String
postalCode	Postal Code for the company	String
country	Country for the company	String
companyName	Company Name	String
phone	Phone Number of the company contact	String
email	Email address of the company contact	String
einIssuingCountry	Country that issued the Federal ID	String
ein	Federal ID of the company	String
stockSymbol	Stock symbol of the company	String
website	Web address of the company	String

altBusinessId	Alternate Business ID if any	String
msgBrandName	Brand Name	String
brandStatus	Brand status	String
entityName	Type of Entity	String
relationshipName	Type of Relationship	String
stockExchangeName	Stock Exchange on which the company is listed	String
altBusinessName	Alternate Business Name	String
verticalName	Business vertical for the company	String
msgBrandId	Internal Brand ID	String

Example Request 1 – Get Brand Order Detail:

```
POST https://services.inteliquent.com/Services/1.0.0/brandOrderDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1534051
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "brandOrderDetailResponse": {
    "orderId": 1534051,
    "orderStatus": "Pending",
    "customerOrderReference": "Test123",
    "quantity": 1,
    "createdDate": "2021-12-03T00:00:00.000+00:00",
    "createdUser": "Ramesh.Repala",
    "orderNotes": [
      {
        "note": "ERROR -> brand name: BRCloud, reference id: 715826954, error code:
400 - null CSP account not enabled for sole-proprietor feature",
        "insertDate": "2021-12-03T09:40:01.000Z",
        "insertUser": "api_user"
      }
    ],
    "brandList": {
      "brandItem": [
        {
          "firstName": "User",
          "lastName": "Test",
          "street": "550 W Adams",
          "city": "Chicago",
          "country": "USA",
          "state": "IL",
          "postalCode": "60601",
          "companyName": "RCloud Inc",
          "phone": "3123488255",
          "email": "rrepala@turnberrysolutions.com",
```


minSubUsecases	Min number of sub use cases.	Int
isSubUsecase	Are sub-use cases required.	String
minMsgSamples	Minimum number of samples to include in creating campaigns.	Int

Example Request 1 – Get the entity list:

```
POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/useCaseList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "msgBrandId": "BYYCRWJ"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandUseCaseList": [
    {
      "usecaseName": "2FA",
      "usecaseRef": "2FA",
      "abbreviation": "2FA",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y",
      "minMsgSamples": 1
    },
    {
      "usecaseName": "Account Notification",
      "usecaseRef": "ACCNTNOTIF",
      "abbreviation": "ACCOUNT_NOTIFICATION",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y",
      "minMsgSamples": 1
    },
    {
      "usecaseName": "Agents and Franchises",
      "usecaseRef": "AGNTFRNCHS",
      "abbreviation": "AGENTS_FRANCHISES",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "N",
      "minMsgSamples": 2
    },
    {
      "usecaseName": "Customer Care",
      "usecaseRef": "CUSTCARE",
      "abbreviation": "CUSTOMER_CARE",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y",
      "minMsgSamples": 1
    }
  ]
}
```

```
{
  "usecaseName": "Delivery Notification",
  "usecaseRef": "DELIVNOTIF",
  "abbreviation": "DELIVERY_NOTIFICATION",
  "maxSubUsecases": 0,
  "minSubUsecases": 0,
  "isSubUsecase": "Y",
  "minMsgSamples": 1
},
{
  "usecaseName": "Emergency",
  "usecaseRef": "EMERGENCY",
  "abbreviation": "EMERGENCY",
  "maxSubUsecases": 0,
  "minSubUsecases": 0,
  "isSubUsecase": "N",
  "minMsgSamples": 2
},
{
  "usecaseName": "Fraud Alert Messaging",
  "usecaseRef": "FRAUDALERT",
  "abbreviation": "FRAUD_ALERT",
  "maxSubUsecases": 0,
  "minSubUsecases": 0,
  "isSubUsecase": "Y",
  "minMsgSamples": 1
},
{
  "usecaseName": "Higher Education",
  "usecaseRef": "HIGHEDU",
  "abbreviation": "HIGHER_EDUCATION",
  "maxSubUsecases": 0,
  "minSubUsecases": 0,
  "isSubUsecase": "Y",
  "minMsgSamples": 1
},
{
  "usecaseName": "K-12 Education",
  "usecaseRef": "K12EDU",
  "abbreviation": "K12_EDUCATION",
  "maxSubUsecases": 0,
  "minSubUsecases": 0,
  "isSubUsecase": "N",
  "minMsgSamples": 2
},
{
  "usecaseName": "Low Volume Mixed",
  "usecaseRef": "LOWVOL",
  "abbreviation": "LOW_VOLUME",
  "maxSubUsecases": 5,
  "minSubUsecases": 1,
  "isSubUsecase": "N",
  "minMsgSamples": 1
},
{
  "usecaseName": "Marketing",
  "usecaseRef": "MARKETING",
  "abbreviation": "MARKETING",
  "maxSubUsecases": 0,
  "minSubUsecases": 0,
```

```
    "isSubUsecase": "Y",
    "minMsgSamples": 2
  },
  {
    "usecaseName": "Mixed",
    "usecaseRef": "MIXED",
    "abbreviation": "MIXED",
    "maxSubUsecases": 5,
    "minSubUsecases": 2,
    "isSubUsecase": "N",
    "minMsgSamples": 2
  },
  {
    "usecaseName": "Polling and Voting",
    "usecaseRef": "POLLVOTE",
    "abbreviation": "POLLING_VOTING",
    "maxSubUsecases": 0,
    "minSubUsecases": 0,
    "isSubUsecase": "Y",
    "minMsgSamples": 1
  },
  {
    "usecaseName": "Proxy",
    "usecaseRef": "PROXY",
    "abbreviation": "PROXY",
    "maxSubUsecases": 0,
    "minSubUsecases": 0,
    "isSubUsecase": "N",
    "minMsgSamples": 2
  },
  {
    "usecaseName": "Public Service Announcement",
    "usecaseRef": "PSANN",
    "abbreviation": "PUBLIC_SERVICE_ANNOUNCEMENT",
    "maxSubUsecases": 0,
    "minSubUsecases": 0,
    "isSubUsecase": "Y",
    "minMsgSamples": 1
  },
  {
    "usecaseName": "Security Alert",
    "usecaseRef": "SECALERT",
    "abbreviation": "SECURITY_ALERT",
    "maxSubUsecases": 0,
    "minSubUsecases": 0,
    "isSubUsecase": "Y",
    "minMsgSamples": 1
  },
  {
    "usecaseName": "Social",
    "usecaseRef": "SOCIAL",
    "abbreviation": "SOCIAL",
    "maxSubUsecases": 5,
    "minSubUsecases": 0,
    "isSubUsecase": "N",
    "minMsgSamples": 2
  },
  {
    "usecaseName": "Sweepstake",
    "usecaseRef": "SWEEPSTAKE",
```

```

        "abbreviation": "SWEEPSTAKE",
        "maxSubUseCases": 0,
        "minSubUseCases": 0,
        "isSubUseCase": "N",
        "minMsgSamples": 2
    }
]
}
    
```

Supported Sub Use Cases for a Brand

POST /messagingBrand/subUseCaseList

This operation retrieves the list of sub use cases that are applicable. One of these values needs to be passed into the provisioning APIs.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
messagingBrandSubUseCaseList	List containing sub use cases supported	List
usecaseName	Use case name	String
usecaseRef	Reference for use case.	String
abbreviation	Abbreviation for the entity.	String
maxSubUseCases	Max number of sub use cases.	Int
minSubUseCases	Min number of sub use cases.	Int
isSubUseCase	Are sub-use cases required	String

Example Request 1 – Get the entity list:

```

POST https://services.inteliquent.com/Services/1.0.0/messagingBrand/subUseCaseList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
    
```

Example Response:

```
HTTP/1.1 OK

{
  "status": "Success",
  "statusCode": "200",
  "messagingBrandSubUseCaseList": [
    {
      "usecaseName": "2FA",
      "usecaseRef": "2FA",
      "abbreviation": "2FA",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y"
    },
    {
      "usecaseName": "Account Notification",
      "usecaseRef": "ACCNTNOTIF",
      "abbreviation": "ACCOUNT_NOTIFICATION",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y"
    },
    {
      "usecaseName": "Customer Care",
      "usecaseRef": "CUSTCARE",
      "abbreviation": "CUSTOMER_CARE",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y"
    },
    {
      "usecaseName": "Delivery Notification",
      "usecaseRef": "DELIVNOTIF",
      "abbreviation": "DELIVERY_NOTIFICATION",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y"
    },
    {
      "usecaseName": "Fraud Alert Messaging",
      "usecaseRef": "FRAUDALERT",
      "abbreviation": "FRAUD_ALERT",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y"
    },
    {
      "usecaseName": "Higher Education",
      "usecaseRef": "HIGHEDU",
      "abbreviation": "HIGHER_EDUCATION",
      "maxSubUsecases": 0,
      "minSubUsecases": 0,
      "isSubUsecase": "Y"
    },
    {
      "usecaseName": "Marketing",
      "usecaseRef": "MARKETING",
      "abbreviation": "MARKETING",

```

```

        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y"
    },
    {
        "usecaseName": "Polling and Voting",
        "usecaseRef": "POLLVOTE",
        "abbreviation": "POLLING_VOTING",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y"
    },
    {
        "usecaseName": "Public Service Announcement",
        "usecaseRef": "PSANN",
        "abbreviation": "PUBLIC_SERVICE_ANNOUNCEMENT",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y"
    },
    {
        "usecaseName": "Security Alert",
        "usecaseRef": "SECALERT",
        "abbreviation": "SECURITY_ALERT",
        "maxSubUsecases": 0,
        "minSubUsecases": 0,
        "isSubUsecase": "Y"
    }
]
}
    
```

Create a new Campaign

POST /campaignOrder

This operation allows you to submit an order to create/register a new campaign against an approved brand. Once the order is completed, the campaign will appear in the Modify TN list to assign TNs. You do need to ensure the TN has been approved and DCA elected. Once that is done, you will be able to start adding TNs using [tnMessagingCampaign](#).

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
campaignOrder	Encapsulating object	Yes
customerOrderReference	Customer's order reference	Yes
campaignList	List of brands included in the order	Yes
campaignItem	Array of all brands included in the order	Array
msgBrandId	Brand ID against which the campaign is to be registered.	Yes

vertical	Vertical for which the campaign is targeted	Yes
usecase	Use case for which the campaign is targeted	Yes
description	Description for the campaign. Min length is 40	Yes
embeddedLink	Valid Values – Y or N	Yes
embeddedPhone	Valid Values – Y or N	Yes
numberPool	Valid Values – Y or N	Yes
ageGated	Valid Values – Y or N	Yes
directLending	Valid Values – Y or N	Yes
subscriberOptin	Valid Values – Y or N	Yes
subscriberOptout	Valid Values – Y or N	Yes
subscriberHelp	Valid Values – Y or N	Yes
autoRenewal	Valid Values – Y or N	Yes
termsAndConditions	Valid Values – Y or N	Yes
sample1	Sample message that will be sent as the campaign. Min length is 20	String
sample2	Sample message that will be sent as the campaign. Min length is 20	String
sample3	Sample message that will be sent as the campaign. Min length is 20	String
sample4	Sample message that will be sent as the campaign. Min length is 20	String
sample5	Sample message that will be sent as the campaign. Min length is 20	String
messageFlow	Message flow description. Min length is 40	Yes
helpMessage	Help message of the campaign. Min length is 20	Yes
optOutMessage	Subscriber opt-out message. Min length is 20	Yes
OptInMessage	Subscriber opt-in message. Min length is 20	No
subUsecaseList	Encapulating Object	
subUsecase	Subuse case for which campaign is targeted	No*
removeSubUsecase	Valid Values – Y or N	No*
usecaseName	Subuse Case Name for which campaign is targeted	No*
subUsecaseName	Subuse Case Name for which campaign is targeted	No*

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	419 - Error Occurred: Account not message-enabled, remove messaging from request	String
	414 - Messaging is not enabled for Customer	String
	420 - Please setup tcr credentials on TCR API Key page	String
	410 - DB Error:(Database Error)	String
	414 - Invalid value entered for:(All Fields)	String
	418 - Character limit is exceeded for:(All String Fields)	String
orderId	432 - Campaign Excluded	String
	425 - Partial Success	String
orderId	Order ID for the submitted request	Integer
result	Array of Strings indicating any errors that may have occurred	Array

Example Request 1 – Create a Campaign Order:

```

POST https://services.inteliquent.com/Services/1.0.0/campaignOrder HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "campaignOrder": {
    "campaignList": {
      "campaignItem": [
        {
          "msgBrandId": "BJSFQRJ",
          "vertical": "ENERGY",
          "usecase": "ACCOUNT_NOTIFICATION",
          "description": "Test Campaign",
          "embeddedLink": "N",
          "embeddedPhone": "N",
          "numberPool": "N",
          "ageGated": "N",
          "directLending": "N",
          "subscriberOptin": "N",
          "subscriberOptout": "N",
          "subscriberHelp": "N",
          "autoRenewal": "Y",
          "affiliateMarketing": "N",

```

```

    "sample1": "Sample Message"
  }
]
}
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 23456789,
}

```

Example Request 2 – Create a Campaign Order with Sub Use Case:

```

POST https://services.inteliquent.com/Services/1.0.0/campaignOrder HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": " Abcd1FghIjK23l4mno5pqrX6yzab",
  "campaignOrder": {
    "customerOrderReference": "Test_campaign_order",
    "campaignList": {
      "campaignItem": [
        {
          "msgBrandId": "BC666CY",
          "vertical": "ENERGY",
          "usecase": "MIXED",
          "description": "Sample campaign order",
          "embeddedLink": "Y",
          "embeddedPhone": "Y",
          "numberPool": "N",
          "ageGated": "N",
          "directLending": "N",
          "subscriberOptin": "Y",
          "subscriberOptout": "Y",
          "subscriberHelp": "Y",
          "autoRenewal": "Y",
          "affiliateMarketing": "N",
          "sample1": "This is a test",
          "sample2": "This is still a test",
          "helpMessage": "This isn't actually a yes/no field?",
          "subUsecaseList": [
            {
              "subUsecase": "2FA"
            },
            {
              "subUsecase": "ACCOUNT_NOTIFICATION"
            }
          ]
        }
      ]
    }
  }
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 23456789,
}
```

List Campaign Orders

POST /campaignOrderList

This operation allows you to retrieve a list of campaign orders.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to filter the results	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	418 - Character limit is exceeded for:customerOrderReference	String
	409 - CustomerOrderReference has invalid characters and cannot include <, \, ^, ~, ` , } , { , > , = ,] , [, !	String
409 - Invalid Input Parameters: sortDirection can be either ASC or DESC		String
	430 - No Result Found	String
orderList	List containing orders.	List
orderType	Array of brand orders	Array
orderId	Order Id	Int
orderStatus	Order Status	String
customerOrderReference	Customer Order reference	String
quantity	Quantity for the Order	Int

createdDate	Date the Order was created	Date
createdUser	User who submitted the order	String

Example Request 1 – Get Full Campaign Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1535068,
        "orderStatus": "Pending",
        "quantity": 1,
        "createdDate": "2021-12-08T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      },
      {
        "orderId": 1534942,
        "orderStatus": "Closed",
        "customerOrderReference": "mub_test",
        "quantity": 1,
        "createdDate": "2021-12-07T00:00:00.000+00:00",
        "createdUser": "mubeena.test@gmail.com"
      },
      {
        "orderId": 1534870,
        "orderStatus": "Closed",
        "customerOrderReference": "test campaign 20211207 1",
        "quantity": 1,
        "createdDate": "2021-12-07T00:00:00.000+00:00",
        "createdUser": "api_user"
      },
      {
        "orderId": 1534812,
        "orderStatus": "Pending",
        "quantity": 1,
        "createdDate": "2021-12-06T00:00:00.000+00:00",
        "createdUser": "Ramesh.Repala"
      },
      {
        "orderId": 1533473,
        "orderStatus": "Pending",
        "customerOrderReference": "test register campaign 3",
        "quantity": 1,
        "createdDate": "2021-12-01T00:00:00.000+00:00",
        "createdUser": "api_user"
      }
    ]
  }
}
```

```
},
"page": "null",
"totalPages": "1",
"totalItems": "33",
"searchId": "257715430600",
"size": "null"
}
```

Example Request 2 – Get specific Brand Order List:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrderList HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "9gc4biH1DWrNFzuwIip2BjtwVezX",
  "orderId": 1534870
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "orderList": {
    "orderType": [
      {
        "orderId": 1534870,
        "orderStatus": "Closed",
        "customerOrderReference": "test campaign 20211207 1",
        "quantity": 1,
        "createdDate": "2021-12-07T00:00:00.000+00:00",
        "createdUser": "api_user"
      }
    ]
  },
  "page": "null",
  "totalPages": "1",
  "totalItems": "1",
  "searchId": "257715519050",
  "size": "null"
}
```

Get Campaign Order Details

POST /campaignOrderDetail

This operation allows you to retrieve details for a specific campaign order.

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
orderId	Order ID to filter the results	Yes

Response:

Parameter	Description	Type	
status	Indicates whether the API call was successful. Values: Success or Failure	String	
statusCode	200 - Successful	String	
	414 - Fields Are Required:(All Required Fields)	String	
	431 - Unable to complete the request at the moment, please try again.	String	
	408 - Private Key cannot be blank.	String	
	430 - No Result Found	String	
campaignOrderDetailResponse	410 - DB Error:(Database Error)	String	
	Campaign Order Details.		
	orderId	Order ID	Int
	orderStatus	Order Status	String
	customerOrderReference	Customer Order reference	String
	quantity	Quantity for the Order	Int
	createdDate	Date the Order was created	Date
	createdUser	User who submitted the order	String
	orderNotes	Array of order notes if any	Object
	note	Note description	String
insertDate	Date the note was entered	Date	
insertUser	The user that created the note	String	
campaignList	List of campaigns included in the order	Object	
campaignItem	Array of all campaigns included in the order	Array	
	msgBrandId	Brand ID against which the campaign is to be registered.	String
	externalCampaignId	Campaign ID assigned to that TN	String
	vertical	Vertical for which the campaign is targeted	String
	usecase	Use case for which the campaign is targeted	String

description	Description for the campaign	String
embeddedLink	Valid Values – Y or N	String
embeddedPhone	Valid Values – Y or N	String
numberPool	Valid Values – Y or N	String
ageGated	Valid Values – Y or N	String
directLending	Valid Values – Y or N	String
subscriberOptin	Valid Values – Y or N	String
subscriberOptout	Valid Values – Y or N	String
subscriberHelp	Valid Values – Y or N	String
autoRenewal	Valid Values – Y or N	String
termsAndConditions	Valid Values – Y or N	String
sample1	Sample message that will be sent as the campaign	String
sample2	Sample message that will be sent as the campaign	String
sample3	Sample message that will be sent as the campaign	String
sample4	Sample message that will be sent as the campaign	String
sample5	Sample message that will be sent as the campaign	String
messageFlow	Valid Values – Y or N	String
helpMessage	Valid Values – Y or N	String
optOutMessage	Subscriber opt-out message.	String
optInMessage	Subscriber opt-in message.	String
cancelCampaign	Valid Values – Y or N	String
subUsecaseList	Array of sub-use case list	String
usecaseName	Name of the usecase	String
subUsecaseName	Name of the sub-usecase	String

Example Request 1 – Get Campaign Order Detail:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignOrderDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "orderId": 1534870
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "campaignOrderDetailResponse": {
    "orderId": 1534870,
    "orderStatus": "Closed",
    "customerOrderReference": "test campaign 20211207 1",
  }
}
```



```

"quantity": 1,
"createdDate": "2021-12-07T00:00:00.000+00:00",
"createdUser": "api_user",
"campaignList": {
  "campaignItem": [
    {
      "msgBrandId": "BJSFQRJ",
      "externalCampaignId": "C2SFQRJ",
      "description": "test campaign 20211207 1",
      "embeddedLink": "Y",
      "embeddedPhone": "Y",
      "numberPool": "N",
      "ageGated": "Y",
      "directLending": "Y",
      "subscriberOptin": "Y",
      "subscriberOptout": "Y",
      "subscriberHelp": "Y",
      "autoRenewal": "N",
      "affiliateMarketing": "Y",
      "sample1": "test",
      "sample2": "test",
      "sample3": "",
      "sample4": "",
      "sample5": "",
      "messageFlow": "",
      "helpMessage": "",
      "msgBrandName": "Test Brand Carl 8",
      "campaignStatus": "Complete",
      "verticalName": "Professional",
      "usecaseName": "Mixed",
      "subUsecaseList": [
        {
          "usecaseName": "Mixed",
          "subUsecaseName": "Public Service Announcement"
        },
        {
          "usecaseName": "Mixed",
          "subUsecaseName": "Security Alert"
        }
      ]
    }
  ]
}

```

Campaign Detail

POST /campaignDetail

This operation allows you to view campaign details.

Request:

Parameter	Description	Required
privateKey	Primary key needs to be passed into this call to ensure only authorized applications are making the call.	Yes

externalCampaignId Campaign id for which details are required. Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
404 - Campaign not found		String
		String
campaignDetail	Encompassing object that holds the key/secret	Object
externalCampaignId	Campaign Id	String
externalBrandId	Brand Id.	String
isDCAApproved	DCA approval flag.	String
isPooled	Pooling flag.	String
isBillableCount	Billable flag.	String
tnAssignedCount	Count of TN assigned to campaign.	Integer
campaignStartDate	Campaign start date.	Date. Format:- YYYY-MM-DD
campaignEndDate	Campaign end date.	Date. Format:- YYYY-MM-DD
campaignDescription	Campaign description.	String

Example Request 1: Delete a non-primary key's name:

```
POST https://services.inteliquent.com/Services/1.0.0/campaignDetail HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "d7qcQCZiwciTTwSAdnixMuHILW5u",
  "externalCampaignId": "CI7EAAD"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "campaignDetail": {
    "externalCampaignId": "CI7EAAD",
    "externalBrandId": "Turnberry Brand",
```

```

        "isDCAApproved": "Y",
        "isPooled": "N",
        "isBillableCount": "Y",
        "tnAssignedCount": 41,
        "campaignStartDate": "2020-10-01",
        "campaignEndDate": "9999-12-31",
        "campaignDescription": "CARL WAS HERE"
    }
}
    
```

Register Campaign Credentials

POST /registerCampaignCredentials

This operation allows you to register campaign credentials.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes
key	Key	Yes
secret	Secret	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Registering Campaign Credentials is not enabled	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/addMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "key": "dsfkjdsdfsdbddvsdlvklidsjk15",
  "secret": "dskfjksdhjhfdjsfkjsdhfkjhskjfhkjsdfkhsdkjvds"
}
    
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
}
    
```

```
"statusCode": "200"
}
```

Campaign Credentials

POST /campaignCredentials

This operation allows you to register campaign credentials.

Request:

Parameter	Description	Required
privateKey	Customer key required to validate your application as retrieved from Admin section of customer portal	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	420 - Registering Campaign Credentials is not enabled	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/addMessagingCampaign HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
  "key": "dsfkjsdsdfsdbddvsdlvklds15",
  "secret": "dskfjksdhjhdjfsfkjsdhfkjhdsjkjfhkjsdfkhsdkjvds"
}
```

Trouble Ticketing

The following API calls allow you to create and manage service-related trouble tickets with Inteliquent:

- [POST /ticketCreate](#)
- [POST /ticketList](#)
- [POST /ticketDetail](#)
- [POST /ticketAddNote](#)
- [POST /ticketNote](#)
- [POST /ticketAddDocument](#)
- [POST /ticketDocument](#)

Create Trouble Ticket

POST /ticketCreate

This operation allows you to create a trouble ticket for a service-related issue.

Parameter	Description	Required																																				
privateKey	API key required to validate your application	Yes																																				
contactName	Contact first and last name	Yes																																				
contactPhone	Ten-digit contact telephone number (e.g. 3129894422)	Yes																																				
contactEmailAddress	Contact email address	Yes																																				
extension	Four-digit contact telephone number extension	No																																				
countryRef	Country associated to trouble ticket (e.g. USA)	Yes																																				
description	Description of issue	Yes																																				
occurDate	Date issue was experienced (e.g. 2015-12-15)	Yes																																				
extlCompanyTicket	Alphanumeric trouble ticket reference name	No																																				
problemCodeRef	Issue problem code; acceptable values include:	Yes																																				
	<table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>WRONGTG</td> <td>Call going to wrong trunk group</td> </tr> <tr> <td>CALLERID</td> <td>Caller ID</td> </tr> <tr> <td>CALLDROP</td> <td>Calls dropping</td> </tr> <tr> <td>DTMF</td> <td>Dual tone multi-frequency</td> </tr> <tr> <td>DEDAIR</td> <td>Dead air</td> </tr> <tr> <td>DLYDAUD</td> <td>Delayed audio</td> </tr> <tr> <td>EQUIPALRM</td> <td>Equipment alarm</td> </tr> <tr> <td>E9ADDREQ</td> <td>911 Address Assistance</td> </tr> <tr> <td>FASTBUSY</td> <td>Fast busy</td> </tr> <tr> <td>FAXFAIL</td> <td>Fax failing</td> </tr> <tr> <td>WRONGCODEC</td> <td>Incorrect codec</td> </tr> <tr> <td>WRONGLRN</td> <td>Incorrect location routing number</td> </tr> <tr> <td>CAPACITY</td> <td>Insufficient resources available</td> </tr> <tr> <td>QUALITY</td> <td>Noise, static, or poor call quality</td> </tr> <tr> <td>OWAUD</td> <td>One-way audio</td> </tr> <tr> <td>PKTLOSS</td> <td>Packet loss</td> </tr> <tr> <td>POSCCM</td> <td>Point-of-sale or credit card machine</td> </tr> </tbody> </table>	Value	Description	WRONGTG	Call going to wrong trunk group	CALLERID	Caller ID	CALLDROP	Calls dropping	DTMF	Dual tone multi-frequency	DEDAIR	Dead air	DLYDAUD	Delayed audio	EQUIPALRM	Equipment alarm	E9ADDREQ	911 Address Assistance	FASTBUSY	Fast busy	FAXFAIL	Fax failing	WRONGCODEC	Incorrect codec	WRONGLRN	Incorrect location routing number	CAPACITY	Insufficient resources available	QUALITY	Noise, static, or poor call quality	OWAUD	One-way audio	PKTLOSS	Packet loss	POSCCM	Point-of-sale or credit card machine	
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PKTLOSS	Packet loss																																					
POSCCM	Point-of-sale or credit card machine																																					

	PDD	Post-dial delay	
	WRONGNUM	Reaching wrong number	
	RECORDING	Recording	
	RMTHNDS	Remote hands request	
origTn	Originating telephone number (up to 15 digits)		Yes
termTn	Terminating telephone number (up to 15 digits)		Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:	String
	411 - Unknown Error	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketCreate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "contactName": "Sharon Smile",
  "contactPhone": "8885551234",
  "extension": 1234,
  "countryRef": "USA",
  "description": "CNAM issue, please resolve.",
  "occurDate": "2015-12-26",
  "extlCompanyTicket": "TestTicketNum01",
  "problemCodeRef": "CALLERID",
  "contactEmailAddress": "ssmile@email.com",
  "origTn": "1234546903",
  "termTn": "1235650395"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "troubleTicketId": "120642"
}
```

View Trouble Ticket List

POST /ticketList

This operation allows you to obtain a list of your existing trouble tickets with Inteliquent.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
troubleTicketId	Existing trouble ticket number	No
minEnterDate	Earliest trouble ticket submission date (e.g. 2015-12-20)	No
maxEnterDate	Latest trouble ticket submission date (e.g. 2015-12-23)	No
extlCompanyTicket	Alphanumeric trouble ticket reference name	No
troubleTicketStatus	Trouble ticket status; acceptable values include Open, Referred Out, 24-Hour Monitor, Resolved, Ready for Closure, and Closed	No
troubleTicketStatusExclude	Enter Y to exclude value entered into the troubleTicketStatus parameter from the results list	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	416 - These values can't be zero: troubleTicketId	String
	414 - Invalid Date format:(For Date Fields)	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "troubleTicketStatus": "Closed",
  "troubleTicketStatusExclude": "Y",
  "minEnterDate": "2015-12-13",
  "maxEnterDate": "2015-12-14"
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "troubleTicketList": [
    {
      "troubleTicketId": 65869,
      "extlCompanyTicket": "Ticket9043",
      "troubleTicketStatus": "Open",
      "enterDate": "2015-12-13",
      "contactName": "Bob Laugh"
    }
  ]
}

```

View Trouble Ticket Detail

POST /ticketDetail

This operation allows you to obtain details about an existing trouble ticket.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
troubleTicketId	Existing trouble ticket number	Yes
extlCompanyTicket	Alphanumeric trouble ticket reference name	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	416 - These values can't be zero: troubleTicketId	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/ticketDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "troubleTicketId": "432789"
}

```


Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "ticketDetailList": [
    {
      "troubleTicketId": 432789,
      "description": "Receiving fast busy tone",
      "marketName": "Washington DC",
      "regionName": "South",
      "operationalMarketName": "Washington DC",
      "occurDate": "2015-12-15",
      "assignedWorkgroupName": "Network Operations Center",
      "contactName": "Will Wink",
      "countryRef": "USA",
      "contactPhone": "3123805555",
      "contactPhoneExtension": "",
      "contactEmailAddress": "wwink@email.com",
      "externalCompanyTicket": "",
      "troubleTicketService": "None",
      "troubleTicketSource": "DecTicket01",
      "troubleTicketProblemCode": "Fast Busy",
      "troubleTicketStatus": "Referred Out",
      "troubleTicketCauseCode": "",
      "troubleTicketResolveCode": "",
      "expectedCustomerImpact": "",
      "enterDate": "2016-02-15",
      "enterUserDisplayName": "Wink, Will ",
      "resolveUserDisplayName": "",
      "closeUserDisplayName": "",
      "updateDate": "2016-02-26",
      "updateUserDisplayName": "Bullock, Christopher ",
      "nocTechDisplayName": "Bullock, Christopher ",
      "origTN": "4108677001",
      "termTN": "4432141004"
    }
  ]
}
```

Add Trouble Ticket Note

POST /ticketAddNote

This operation allows you to add a note to an existing trouble ticket.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
troubleTicketId	Existing trouble ticket number	Yes
troubleTicketNote	Note text to be added to the ticket	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	415 - Unable to add: Trouble Ticket Note	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketAddNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "troubleTicketId": "65842",
  "troubleTicketNote": "This is a test note"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": 200,
  "status": "Success",
  "noteId": "294648"
}
```

View Trouble Ticket Note

POST /ticketNote

This operation allows you to view notes associated to an existing trouble ticket.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
troubleTicketId	Existing trouble ticket number	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	415 - Unable to add: Trouble Ticket Note	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketNote HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "troubleTicketId": "65843"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "ticketNoteList": [ {
    "noteId": 7122562,
    "troubleTicketId": 65843,
    "note": "A note to follow so",
    "insertDate": "12-31-2015 03:09:53 PM",
    "insertUser": "api_user",
    "insertUserDisplayName": "api_user"
  } ]
}
```

Add Trouble Ticket Document

POST /ticketAddDocument

This operation allows you to add a document to an existing trouble ticket.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
troubleTicketId	Existing trouble ticket number	No
documentName	Name of document to attach	No
documentDescription	Description for document to attach	No
fileContent	Base64 encoded document to be attached	Yes
isPublic	Service type; acceptable values are true and false	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	415 - Unable to add: Trouble Ticket Document	String
	409 - Invalid File Content Exception: While decoding file content	String
	409 - Invalid Input Parameters: FileContent	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketAddDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "troubleTicketId": 65872,
  "documentName": "TestDoc02",
  "fileContent": "VGhpcyBpcyBhIHRlc3QgZG9j",
  "isPublic": "true"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "lastModifiedString": "20160302084423307282000-0600",
  "troubleTicketDocumentId": 118855
}
```

Retrieve Trouble Ticket Document

POST /ticketDocument

This operation allows you to retrieve documents attached to an existing trouble ticket.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
troubleTicketId	Existing trouble ticket number	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketDocument HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "troubleTicketId": 65872
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "ticketDocumentList": [ {
    "documentId": 118855,
    "documentName": "TestDoc02",
    "documentDescription": "none",
    "documentLocator": "VGhpcyBpcyBhIHRlc3QgZG9j"
  } ]
}
```

Customer Notifications

The following API calls allow you to create and manage notifications:

- [POST /notificationTypes](#)
- [POST /webhookTypes](#)
- [POST /customerNotificationList](#)
- [POST /customerNotification](#)

Retrieve Notification Types

POST /notificationTypes

This operation allows you to view your notification types that are enabled.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates whether the API call was successful or failure	String
notificationTypes	Array of notification type	List
name	Name of notification type	String
notificationType	Notification type ref	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/notificationTypes HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "notificationTypes": [
    {
      "name": "8XX order (New)",
      "notificationType": "8XXNEW"
    }
  ],
}
```

```

{
  {
    "name": "8XX order (Change)",
    "notificationType": "8XXCHANGE"
  },
  {
    "name": "8XX order (Disco)",
    "notificationType": "8XXDISCO"
  }
}

```

Retrieve Webhook Types

POST /webhookTypes

This operation allows you to view your webhook types that are enabled.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates whether the API call was successful or failure	String
webhookTypes	Array of webhook type	List
name	Name of webhook type	String
webhookType	Webhook type ref	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/webhookTypes HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "webhookTypes": [
    {
      "name": "HTTP Webhook",

```

```

    "webhookType": "HTTP"
  },
  {
    "name": "Microsoft Azure Event Grip",
    "webhookType": "AZURE"
  }
]
}

```

Retrieve Customer Notifications

POST /customerNotificationList

This operation allows you to retrieve a list of all your customer notification types.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates whether the API call was successful or failure	String
customerNotificationList		Object
typeList		Object
typeItem		List
notificationType	Name of notification type	String
sendWebhook	Y/N flag to enable or disable webhooks	String
webhookType	Name of webhook type	String
webhookUrl	URL to send webhook	String
webhookHeader	Authorization header sent with webhooks	String
sendEmail	Y/N flag to enable or disable email notifications	String
emailAddr	Email address where notifications are sent	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/customerNotificationList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "customerNotificationList": {
    "typeList": {
      "typeItem": [
        {
          "notificationType": "8XX order (New)",
          "sendWebhook": "Y",
          "webhookType": "HTTP Webhook",
          "webhookUrl": "https://www.inteliquent.com",
          "sendEmail": "Y",
          "emailAddr": "example@inteliquent.com"
        }
      ]
    }
  }
}
```

Update Customer Notifications

POST /customerNotification

This operation allows you to update a customer notification type.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
customerNotificationList		Yes
typeList		Yes
typeItem		Yes
notificationType	Name of notification type	Yes
sendWebhook	Y/N flag to enable or disable webhooks	No
webhookType	Name of webhook type	No*
webhookUrl	URL to send webhook	No*
webhookHeader	Authorization header sent with webhooks	No
sendEmail	Y/N flag to enable or disable email notifications	No

emailAddr Email address where notifications are sent No*

* webhookType and webhookUrl are required if sendWebhook is 'Y' and emailAddr is required if sendEmail is 'Y'

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	414 - Fields Are Required:(For All required Fields)	String
	409 - Invalid Input Parameters:(For All Input Fields)	String
	410 - DB Error:(Database Error)	String
411 - Unknown Error	String	

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/customerNotification HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "customerNotification": {
    "typeList": {
      "typeItem": [
        {
          "notificationType": "8XX order (New)",
          "sendWebhook": "Y",
          "webhookType": "HTTP Webhook",
          "webhookUrl": "https://www.inteliquent.com",
          "sendEmail": "Y",
          "emailAddr": "example@inteliquent.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200"
}
```

Health Check

In order to determine the status of Inteliquent services, an endpoint is provided that validates if the services are functional or not.

Only RESTful protocol is supported. Use the following URLs to make API calls:

- Production: <https://services.inteliquent.com/HealthChecker/1.0.0>
- Sandbox: <https://services-sandbox.inteliquent.com/HealthChecker/1.0.0> (please use this environment for initial integration testing)

The following endpoint is to be called:

- [GET /healthCheck](#)

Get Health Check

GET /healthCheck

This operation allows you to retrieve the status of the services tier.

Example Request:

```
GET https://services.inteliquent.com/HealthChecker/1.0.0/healthCheck HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "UP",
  "statusCode": "200"
}
```

Reference

The following API calls provide additional referent information:

- [POST /tnFeatureCnamDip](#)
- [POST /tnFeatureCNamList](#)
- [POST /tnFeatureDLList](#)
- [POST /tnFeatureE911List](#)
- [POST /tnFeatureMessageList](#)
- [POST /rateCenterCoverage](#)
- [POST /addressValidate](#)
- [POST /whitelistedAddresses](#)
- [POST /lataInventory](#)
- [POST /cicList](#)
- [POST /tnPortOutHistory](#)

Retrieve CNAM Dip Setting on All Numbers

POST /tnFeatureCnamDip

This operation allows you to retrieve a list of all active numbers on your account and their corresponding inbound CNAM dip setting for incoming calls.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String

414 - Fields Are Required:(All Required Fields)	String
431 - Unable to complete the request at the moment, please try again.	String
408 - Private Key cannot be blank.	String
430 - No Result Found	String
409 - Invalid Input Parameters:	String
417 - Size must be less than or equal to 10000	String
414 - Large result set without searchId detected. Please contact support team for assistance.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureCnamDip HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureCnamDipList": [
    {
      "tn": "2015465330",
      "cnamDip": "Y"
    },
    {
      "tn": "2025599306",
      "cnamDip": "Y"
    },
    {
      "tn": "2025599311",
      "cnamDip": "N"
    }
  ],
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0wVjNESnZxZ1JSNjJR0Gcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1ppR1hK
  d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

Retrieve CNAM Storage Numbers

POST /tnFeatureCNamList

This operation allows you to retrieve a list of numbers with CNAM storage configured for display on outbound calls (LIDB).

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:	String
	417 - Size must be less than or equal to 10000	String
	414 - Large result set without searchId detected. Please contact support team for assistance.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureCNamList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 9726947096,
      "callingName": "Name"
    }
  ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACu0WVjNESnZxZlJJSNjJROGcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
  d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

Retrieve Directory Listing Numbers

POST /tnFeatureDLList

This operation allows you to retrieve a list of numbers with directory listing configured.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

409 - Invalid Input Parameters:(All Input Parameters) String
Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureDLList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 9726947096,
      "firstName": "cupcakes",
      "lastName": "smiley",
      "streetNum": "123",
      "streetPreDir": "W",
      "streetName": "case",
      "streetType": "st",
      "streetPostDir": "E",
      "location": "ste 1",
      "city": "chicago",
      "state": "IL",
      "postalCode": "60661"
    }
  ]
}
```

Retrieve E911 Numbers

POST /tnFeatureE911List

This operation allows you to retrieve a list of numbers with E911 configured.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnMask	Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxx, xxx4xxxxx1, xxxxxxxxx)	No
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter	No

value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(All Input Parameters)	String
	417 - Size must be less than or equal to 10000	String
	414 - Large result set without searchId detected. Please contact support team for assistance.	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureE911List HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMask": "3121234567",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 9726947096,
      "name": "test iqnt",
      "origStreetNum": "550",
      "origStreetInfo": "w adams",
      "origLocation": "ste 900",
      "origCity": "chicago",
      "origState": "IL",
      "origPostalCode": "60661",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    },
    {
      "tn": 2404540119,
      "name": "test",
      "origStreetNum": "123",
      "origStreetInfo": "test",
      "origLocation": "",
      "origCity": "chi",
      "origState": "IL",
      "origPostalCode": "60657",
      "enhStreetNum": "",
      "enhStreetInfo": "",
      "enhCity": "",
      "enhState": "",
      "enhPostalCode": ""
    }
  ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYfK5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0wVjNESnZxZlJJSNjJROGcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hk
  d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Retrieve Messaging Numbers

POST /tnFeatureMessageList

This operation allows you to retrieve a list of numbers with messaging configured.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(All Input Parameters)	String
	417 - Size must be less than or equal to 10000	String
	414 - Large result set without searchId detected. Please contact support team for assistance.	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/tnFeatureMessageList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "pageSort": {
    "size": 1,
    "page": 1
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnFeatureList": {"tnFeatureItem": [
    {
      "tn": 2017012042,
      "messageClass": "P2P",
      "messageType": "SMS"
    },
    {
      "tn": 2022925536,
      "messageClass": "P2P",
      "messageType": "SMS"
    }
  ]},
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJROGcz
  bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGh1bkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
  d2o5SXcAAAAAAAw7HhZBQXZia0ZTbFNSNnY3cU1"
}
    
```

Retrieve Approved DID and LNP Rate Center Coverage

POST /rateCenterCoverage

This operation allows you to retrieve a list of all rate centers with information on whether each is approved with Inteliquent for DID and LNP provisioning.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
wireless	To include wireless or wireline numbers; Accepted values are Y or N	No

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(All Input Parameters)	String

414 - Wireless not allowed for Customer	String
410 - DB Error:(Database Error)	String
411 - Unknown Error	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/rateCenterCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "wireless": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "rateCenterList": {"rateCenterItem": [
    {
      "lata": "464",
      "rcAbbre": "OWENSBORO",
      "marketName": "Owensboro KY",
      "locState": "KY",
      "lnpApproved": "N",
      "didApproved": "N"
    },
    {
      "lata": "128",
      "rcAbbre": "HAVERHILL",
      "marketName": "Boston MA",
      "locState": "MA",
      "lnpApproved": "Y",
      "didApproved": "Y"
    },
    {
      "lata": "834",
      "rcAbbre": "LIHUE",
      "marketName": "Hawaii",
      "locState": "HI",
      "lnpApproved": "Y",
      "didApproved": "Y"
    }
  ]
}
}
```

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/rateCenterCoverage HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "wireless": "Y"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Wireless not allowed for Customer",
  "statusCode": "414"
}
```

Validate E911 Address

POST /addressValidate

This operation allows you to validate an address for E911 service provisioning. The corrected address will be returned in the response only if the validationMsg is returned as Corrected to Valid Address. In case if address is not close enough to find match, candidate addresses can be returned.

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from Admin page of customer portal	Yes
streetNum	E911 address street number (e.g. 100, 550) Accepts a-z A-Z 0-9 space ~ ` ! @ # \$ % ^ & * () - _ + = [] { } ; : ' " < > , . ? /) except #	Yes
streetInfo	E911 address street information (e.g. W Adams St) Accepts a-z A-Z 0-9 space ~ ` ! @ # \$ % ^ & * () - _ + = [] { } ; : ' " < > , . ? /) except #	Yes
city	E911 address city Accepts a-z A-Z 0-9 space ~ ` ! @ # \$ % ^ & * () - _ + = [] { } ; : ' " < > , . ? /) except #	Yes
state	E911 address state – 2 character abbreviation	Yes
postalCode	E911 address zip code	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters:(All Input Parameters)	String

414 - Postal Code is Invalid	String
414 - Invalid Address Information.	
410 - DB Error:(Database Error)	String
411 - Unknown Error	String

Validate Results

- validationResult = 0, the address is perfect as sent
- validationResult = 1, the result was a close enough match and has been corrected
- validationResult = 2, the result is not close enough

Example Request (Valid):

```
POST https://services.inteliquent.com/Services/1.0.0/addressValidate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "streetNum": "550",
  "streetInfo": "W Adams St",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60661",
  "country": "USA",
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "addressValidateResponse": {
    "validationMsg": "Valid address",
    "validationResult": 0,
    "responderType": "true",
    "routingStatus": "true",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedLocation": "",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661",
    "correctedPostalCodePlusFour": "3665",
    "addressExternalId": "0de5ccc3388647d7acb6840ff634e42b",
    "psap": {
      "psapName": "Chicago Office Of Emergency Communication-zone 1",
      "psapFccId": "2158",
      "psapAdminNumber": "3127469400",
      "psapVoipServiceLevel": "I3"
    },
    "parsedAddress": {
      "streetNum": "550",
      "preDirectional": "W",
      "streetName": "Adams",
    }
  }
}
```

```

        "streetSuffix": "St",
        "city": "Chicago",
        "state": "IL",
        "postalCode": "60661",
        "postalCodePlus4": "3665",
        "country": "USA"
    }
}
}

```

Example Request (Corrected):

```

POST https://services.inteliquent.com/Services/1.0.0/addressValidate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "streetNum": "550",
  "streetInfo": "W Adams",
  "city": "Chicago",
  "state": "IL",
  "postalCode": "60601"
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "addressValidateResponse": {
    "validationResult": 1,
    "validationMsg": "Corrected to valid address|Corrected ZIP Code|Changed address component",
    "correctedStreetNum": "550",
    "correctedStreetInfo": "W Adams St",
    "correctedCity": "Chicago",
    "correctedState": "IL",
    "correctedPostalCode": "60661",
    "correctedPostalCodePlusFour": "3665",
    "addressExternalId": "0de5ccc3388647d7acb6840ff634e42b",
    "psap": {
      "psapName": "Chicago Office Of Emergency Communication-zone 1",
      "psapFccId": "2158",
      "psapAdminNumber": "3127469400",
      "psapVoipServiceLevel": "I3"
    },
    "parsedAddress": {
      "streetNum": "550",
      "preDirectional": "W",
      "streetName": "Adams",
      "streetSuffix": "St",
      "city": "Chicago",
      "state": "IL",
      "postalCode": "60661",
      "postalCodePlus4": "3665",
      "country": "USA"
    }
  }
}

```


Example Request (Invalid):

```
POST https://services.inteliquent.com/Services/1.0.0/addressValidate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "streetNum": "318",
  "streetInfo": "28th",
  "city": "Tucson",
  "state": "AZ",
  "postalCode": "85713"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "addressValidateResponse": {
    "validationMsg": "Invalid address - no correction found|Address is Invalid",
    "validationResult": 2,
    "responderType": "false",
    "routingStatus": "false",
    "correctedStreetNum": "",
    "correctedStreetInfo": "",
    "correctedLocation": "",
    "correctedCity": "",
    "correctedState": "",
    "correctedPostalCode": "",
    "correctedPostalCodePlusFour": "",
    "addressExternalId": "",
    "candidateAddressList": [
      {
        "streetNum": "127",
        "streetInfo": "Main St",
        "city": "Barrington",
        "state": "IL",
        "postalCode": "60010",
        "country": "USA"
      },
      {
        "streetNum": "127",
        "streetInfo": "E Main St",
        "city": "Barrington",
        "state": "IL",
        "postalCode": "60010",
        "postalCodePlusFour": "4365",
        "country": "USA"
      },
      {
        "streetNum": "127",
        "streetInfo": "W Main St",
        "city": "Barrington",
        "state": "IL",
        "postalCode": "60010",
        "postalCodePlusFour": "4302",
        "country": "USA"
      }
    ]
  }
}
```

```

        "streetNum": "127",
        "streetInfo": "N Main St",
        "city": "Burlington",
        "state": "IL",
        "postalCode": "60109",
        "postalCodePlusFour": "1044",
        "country": "USA"
    },
    {
        "streetNum": "127",
        "streetInfo": "S Main St",
        "city": "Burlington",
        "state": "IL",
        "postalCode": "60109",
        "postalCodePlusFour": "1050",
        "country": "USA"
    }
]
}

```

Whitelisted Addresses

POST /whitelistedAddress

This operation allows you to search for and get the whitelisted addresses for 911 validation

Request:

Parameter	Description	Required
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
addressExternalIdList	Array of Address External Ids	Yes

Response:

Parameter	Description	Type
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates whether the API call was successful or failure	String
whitelistedAddressList	Contains array of white listed address	Object
success	Returns true or false	Boolean
reason	Reason of address validation	String
detail	Detail of address validation	String

result	Contains List of address	Object
externalId	Excluded Number	String
parsedAddress	Contains parsed address details	Object
houseNumber	House Number	String
streetName	Street Name	String
streetSuffix	Street Suffix	String
streetPostdirectional	Street Post Directional	String
city	City	String
state	State	String
zip	Zip	String
country	country	String
postalAddress	Contains postal address details	Object
addressLine1	Address Line 1	String
city	City	String
state	State	String
zip	Zip	String
country	Country	String

Example Request 1 – Add Notes to a TN on an order:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnAddNote HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "addressExternalIdList": [
    "b86c2348607847a48f0ec6486049add6"
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "whitelistedAddressList": [
    {
      "success": true,
      "reason": "SUCCESS",
      "detail": "SUCCESS",
      "result": {
        "externalId": "b86c2348607847a48f0ec6486049add6",
        "parsedAddress": {
          "houseNumber": "200",
          "streetName": "Bloor",
          "streetSuffix": "St",
          "streetPostdirectional": "E",

```

```

        "city": "Toronto",
        "state": "ON",
        "zip": "M4W 1E5",
        "country": "CAN"
    },
    "postalAddress": {
        "addressLine1": "200 BLOOR ST E",
        "city": "TORONTO",
        "state": "ON",
        "zip": "M4W 1E5",
        "country": "CAN"
    }
}
]
}

```

Retrieve LATA List

POST /lataInventory

This operation allows you to retrieve LATA information for a telephone number or list of numbers in order to provide optional forecasting information for [/tnOrder](#) and [/portInOrder](#).

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnList	Contains requested telephone number(s) to retrieve LATA information	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number (e.g. 8156680000)	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	414 - Fields Are Required:(All Required Fields)	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid TN submitted:(Tn List)	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/lataInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnList": {

```

```

    "tnItem": [
      { "tn": 3344123467 },
      { "tn": 7042282008 }
    ]
  }

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "lataList": [
    {"lata": "422"},
    {"lata": "478"}
  ]
}

```

Retrieve Toll-free CICs

POST /cicList

This operation allows you to retrieve a list of supported CICs for loading toll-free numbers.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/cicList HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "cicItemList": [ {
    "respOrgPrefix": "GDG01",
    "cic": "0913",

```

```

        "companyName": "Inteliquent"
    } ]
}
    
```

Telephone Number Port-Out History

POST /tnPortOutHistory

This operation allows you to retrieve an audit of historical port-out activity on your account for the past three months by order and telephone number.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String
statusCode	200 - Successful	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/tnPortOutHistory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
    
```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderList": { "orderType": [
    {
      "orderId": 1356221,
      "orderStatus": "Canceled",
      "createdDate": "2017-05-05T00:00:00.000+0000",
      "portDate": "2017-05-12T00:00:00.000+0000",
      "tn": "3216667663"
    },
    {
      "orderId": 1356575,
      "orderStatus": "Canceled",
      "createdDate": "2017-05-07T00:00:00.000+0000",
      "portDate": "2017-05-15T00:00:00.000+0000",
      "tn": "3028303232"
    }
  ]
}
    
```

```

    {
      "orderId": 1385129,
      "orderStatus": "Closed",
      "createdDate": "2017-05-24T00:00:00.000+0000",
      "portDate": "2017-06-01T00:00:00.000+0000",
      "tn": "3028303232"
    },
    {
      "orderId": 1385525,
      "orderStatus": "Closed",
      "createdDate": "2017-05-25T00:00:00.000+0000",
      "portDate": "2017-06-05T00:00:00.000+0000",
      "tn": "9707717171"
    }
  ]
}

```

Deprecated APIs

The following APIs are deprecated.

- [POST /tnMessagingOrder](#)
- [POST /tnE911Order](#)
- [POST /tnSearchAssigned](#)
- [POST /portInMessagingOrder](#)
- [POST /tfMessagingOrder](#)
- [POST /tfFeatureDetail](#)

Order Messaging-Only Telephone Number - DEPRECATED

POST /tnMessagingOrder

This operation allows you to order telephone numbers from Inteliquent inventory for messaging services only (no voice), or enable Inteliquent messaging services on telephone numbers assigned to other carriers (i.e. voice-enabled with another carrier).

Note: This API is deprecated. Please use [/tnFeatureOrder](#) for telephone numbers with messaging feature.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnMessagingOrder	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
loa	Indicates that LOA is obtained to enable Inteliquent messaging service on telephone numbers voice-enabled with another carrier; acceptable value is Y	No*
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes

tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
portOutPin	PIN for onnet port-out protection (Tier 0 & HI), only valid on messaging-only numbers ordered from the Inteliquent inventory (not on external numbers)	No
tnNote	Optional note value to be stored on the number	No
tnFeature	Contains features associated to the telephone number	Yes
messaging	Text messaging services for the telephone number	Yes
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	Yes
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	Yes
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No

*Required if telephone numbers on the order are not in Inteliquent inventory

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnMessagingOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMessagingOrder": {
    "customerOrderReference": "TestOrder02",
    "tnList": {
      "tnItem": [
        {
          "tn": 6123453622,
          "tnFeature": {
            "messaging": {
              "messageClass": "P2P",
              "messageType": "SMSMMS"
            }
          }
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026481"
}
```


Order E911-Only Telephone Number - DEPRECATED

POST /tnE911Order

This operation allows you to enable Inteliquent E911 services on telephone numbers assigned to other carriers (i.e. inbound voice-enabled with another carrier).

Note: This API is deprecated. Please use [/tnFeatureOrder](#) for telephone numbers with E911 feature.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tnE911Order	Contains order information	Yes
customerOrderReference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8156680000)	Yes
tnNote	Optional note value to be stored on the number	No
tnFeature	Contains features associated to the telephone number	Yes

Value	Description	Required
e911	E911 services for the telephone number	Yes
name	E911 first and last name	Yes
origStreetNum	E911 address street number (e.g. 100, 550)	Yes
origStreetInfo	E911 address street information (e.g. W Adams St)	Yes
origLocation	E911 address location (e.g. Suite 900)	No
origCity	E911 address city	Yes
origState	E911 address state	Yes
origPostalCode	E911 address zip code	Yes
origPostalCodePlusFour	E911 address zip code plus four	No

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnE911Order HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnE911Order": {
    "tnList": {
      "tnItem": [ {
        "tn": 9181551556,
        "tnFeature": {
          "e911": {
            "name": "IQNT Test Line",
```

```

        "origStreetNum": "550",
        "origStreetInfo": "Adams St",
        "origCity": "Chicago",
        "origState": "IL",
        "origPostalCode": "60661"
    }
  }
}
}
}
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026499"
}

```

Search Assigned Telephone Number – DEPRECATED

POST /tnSearchAssigned

This operation allows you to search for Inteliquent telephone numbers assigned to your company.

Note: This API is now deprecated and may not be supported in future. Please use [/tnDetail](#) for searching assigned telephone numbers.

Parameter	Description	Required								
privateKey	API key required to validate your application	Yes								
tnSearchList	Contains one or more sets of search criteria	Yes								
tnSearchItem	Contains one or more sets of search criteria	Yes								
tnMask	Ten-digit telephone number; enter x as wildcard (e.g. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	Yes								
tnStatus	Telephone number status; acceptable values include: <table border="1" data-bbox="568 1470 1185 1617"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>INSVC</td> <td>In Service</td> </tr> <tr> <td>PNDNG</td> <td>Pending</td> </tr> <tr> <td>PDISC</td> <td>Pending Disconnect</td> </tr> </tbody> </table>	Value	Description	INSVC	In Service	PNDNG	Pending	PDISC	Pending Disconnect	No
Value	Description									
INSVC	In Service									
PNDNG	Pending									
PDISC	Pending Disconnect									
trunkGroupName	Assigned trunk group name (e.g. CHCGIL24CL1_897)	No								
lata	Three-digit local access and transport area code (e.g. 358, 360, 362)	No								
rateCenter	Rate center abbreviation (e.g. WSHNGTNZN1)	No								
province	Two-letter state or province abbreviation (e.g. IL, CA)	No								
wireless	To retrieve wireless or wireline numbers; Accepted	No								

	values are Y or N	
pageSort	Contains sorting and pagination parameters	No
property	Result sort property; acceptable values are tn, rateCenter, lata, state	No
direction	Result sort direction; acceptable values are asc, desc	No
size	Result page size; integer value	No
page	Result page number; integer value	No
searchId	searchId can be used as iterator, it will be returned in every response of this api. If you pass this parameter value (same which you get in your last response) then you don't have to send other parameters like size, page, direction & property. It will return the same size/direction/property which you have used in previous request. Scroll will be enabled, only if you send valid searchId value. You will be able to use this parameter, only if you are receiving it in response	No

Example Request:

```

POST https://services.inteliquent.com/Services/1.0.0/tnSearchAssigned HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnSearchList": {
    "tnSearchItem": [
      {
        "tnMask": "xxxxxxxxxx",
        "tnStatus": "INSVC",
        "province": "AL",
        "wireless": "Y"
      }
    ]
  },
  "pageSort": {
    "size": 2,
    "page": 1
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnList": {
    "tnItem": [
      {
        "tn": 2053901111,
        "lata": "476",
        "rateCenter": "GRAYSVILLE",
        "trunkGroup": "Secondary Trunk Group",
        "province": "AL",
        "tnStatus": "In Service",
        "locName": "GRAYSVILLE",

```

```

        "cnamDip": "N",
        "wireless": "Y"
    },
    {
        "tn": 2053901112,
        "lata": "476",
        "rateCenter": "GRAYSVILLE",
        "trunkGroup": "Main Trunk Group",
        "province": "AL",
        "tnStatus": "In Service",
        "locName": "GRAYSVILLE",
        "cnamDip": "N",
        "wireless": "Y"
    }
]
},
"page": "1",
"totalPages": "7839",
"totalItems": "15677",
"searchId":
"DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FY3R1U1NnAAAAAACuC0WVjNESnZxZlJlJSNjJROGcz
bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGh1bkZlZlGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hk
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Order Port-In Messaging-Only Telephone Number – DEPRECATED

POST /portInMessagingOrder

This operation allows you to create an order to port messaging-only telephone numbers from another carrier into the Inteliquent network.

Note: This API is now deprecated and may not be supported in future. Please use [/portInOrder](#) for all port-in orders and use the messaging feature element

Value	Description	Required
privateKey	API key required to validate your application	Yes
portInMessagingOrder	Contains order details for port-in telephone numbers	Yes
customerOrderReference	Alphanumeric order reference name	No
desiredDueDate	Desired due date for the port-in (e.g. 2015-12-15)	Yes
desiredPortTime	Desired port time in HH:MM (e.g. 14:00)	No
desiredPortTimeZone	Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT	No
onNetOnly	Order on-net ports only; Y or N	No
tnList	Contains telephone number(s) to be ported in	Yes
tnItem	Contains telephone number(s) to be ported in	Yes
tn	Ten-digit telephone number (e.g. 8156680000)	Yes

accountNum	Account number	Yes
portOutPin	PIN for onnet port-out protection (Tier 0 & HI)	No
tnNote	Optional note value to be stored on the number	No
atn	Account telephone number	Yes
accountPin	Alphanumeric account PIN or password	No
authName	Name of port-in authorizer	Yes
authDate	Date of port-in authorization (e.g. 2015-12-15)	Yes
endUser	End user information for the telephone number	Yes
name	End user name	Yes
streetNum	End user address street number (e.g. 100, 550)	Yes
streetPreDir	End user address street direction prefix (e.g. N)	No
streetName	End user address street name	Yes
streetType	End user address street type (e.g. St, Ave)	No
streetPostDir	End user address street direction ending (e.g. SW)	No
locationType1	End user address location type 1 (e.g. Bld, Apt)	No
locationValue1	End user address location value 1 (e.g. 1, 2B)	No
locationType2	End user address location type 2 (e.g. Flr, Ste)	No
locationValue2	End user address location value 2 (e.g. 1, 900)	No
locationType3	End user address location type 3 (e.g. Flr, Ste)	No
locationValue3	End user address location value 3 (e.g. 1, 900)	No
city	End user address city	Yes
state	End user address state	Yes
postalCode	End user address zip code	Yes
typeOfService	Acceptable values are B, Business, R and Residence	Yes
tnFeature	Contains features associated to the telephone number	Yes
messaging	Text messaging services for the telephone number	Yes
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	Yes
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	Yes
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInMessagingOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "portInMessagingOrder": {
    "desiredDueDate": "2015-12-15",
    "tnList": {
      "tnItem": [ {
```

```

    "tn": 3059891246,
    "accountNum": "12345",
    "atn": "8009247586",
    "authName": "Jean Blues",
    "authDate": "2015-12-15",
    "endUser": {
      "name": "Jean Blues",
      "streetNum": "101",
      "streetName": "Main",
      "streetType": "St",
      "city": "Miami",
      "state": "FL",
      "postalCode": "33124",
      "typeOfService": "B"    },
    "tnFeature": {
      "messaging":
      { "messageClass": "A2PLC",
        "messageType": "SMSMMS"    }
    }
  }
}

```

Example Response:

```

HTTP/1.1 200 OK
{
  "orderId": "102645",
  "statusCode": "200",
  "status": "Success"
}

```

Order Messaging-Only Toll-Free Numbers – DEPRECATED

POST /tfMessagingOrder

This operation allows you to order toll-free numbers from Inteliquent’s inventory for messaging services only (no voice), or enable Inteliquent messaging services on telephone numbers assigned to other carriers (i.e. voice-enabled with another carrier).

Note: This API has been deprecated and may not be supported in future releases. Please use [/tfFeatureOrder](#) for all toll-free number feature requests.

Value	Description	Required
privateKey	API key required to validate your application	Yes
tfMessagingOrder	Contains order information	Yes
customerOrder Reference	Alphanumeric order reference name	No
tnList	Contains requested telephone number(s)	Yes
tnItem	Contains requested telephone number(s)	Yes
tn	Ten-digit telephone number requested (e.g. 8446680000)	Yes
tnFeature	Contains features associated to the telephone number	Yes

messaging	Text messaging services for the telephone number	Yes
messageClass	Acceptable values are P2P, A2PLC, and A2P8XX	Yes
messageType	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT	Yes
netNumberId	NetNumber ID (NNID) to assign (must be configured on your account); if not sent, a default will apply	No
altSpid	Alternative Spid value	No

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfMessagingOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tfMessagingOrder": {
    "customerOrderReference": "TestOrder02",
    "tnList": {
      "tnItem": [
        {
          "tn": 8446680000,
          "tnFeature": {
            "messaging": {
              "messageClass": "A2P8XX",
              "messageType": "SMSMMS"
            }
          }
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": "1026481"
}
```

Retrieve Toll-free Feature Details - DEPRECATED

POST /tfFeatureDetail

This operation allows you to retrieve a list of toll-free numbers with features configured.

Note: This API is deprecated. Please use /tfDetail to retrieve assigned toll-free number details with features.

Parameter	Description	Required
privateKey	API key required to validate your application	Yes
tnMask	Ten-digit telephone number; enter x as wildcard (e.g.	Yes

tnStatus	312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx) Telephone number status; acceptable values include:	No								
	<table border="0"> <thead> <tr> <th style="text-align: left;">Value</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>INSVC</td> <td>In Service</td> </tr> <tr> <td>PNDNG</td> <td>Pending</td> </tr> <tr> <td>PDISC</td> <td>Pending Disconnect</td> </tr> </tbody> </table>	Value	Description	INSVC	In Service	PNDNG	Pending	PDISC	Pending Disconnect	
Value	Description									
INSVC	In Service									
PNDNG	Pending									
PDISC	Pending Disconnect									
routingLabel	Routing option to assign the toll-free number; use routingLabelSearchAssigned and routingLabelDetail to view your company's toll-free routing options	No								

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tfFeatureDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "tnMask": "312xxxxxxx"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tfFeatureList": {
    "tfFeatureItem": [
      {
        "tn": 2017012042,
        "callingName": "Caller Name",
        "messageClass": "P2P",
        "messageType": "SMS",
        "netNumberId": "1234",
        "altSpid": "1234",
        "tfStatus": "Pending",
        "cname": "Y",
        "message": "N"
      }
    ]
  }
}
```

Account Settings

The following API calls allow you to view and manage account-level default settings for your company:

- [POST /accountDefaultDetail](#)
- [POST /accountDefault](#)

View Account Default Settings

POST /accountDefaultDetail

This operation allows you to view the current default settings for your company.

Value	Description	Required
privateKey	API key required to validate your application	Yes

Response

Parameter	Description	Type
statusCode	200 - Successful	String
	410 - Invalid Request Primary private key is required	String
	431 - Unable to complete the request at the moment, please try again.	String
	400 - Requested key is not found	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
status	Indicates whether the API call was successful. Values: Success or Failure	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/accountDefaultDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "accountDefaultDetail": {
    "contactLastName": "Orders",
    "contactFirstName": "API",
    "contactEmail": "API@email.com",
    "desiredPortTime": "14:00",
    "desiredPortTimeZone": "US/Pacific",
    "webHookUrl": "test.inteliquent.com",
    "portOutPin": "123",
    "cnamDip": "Y",
    "cnamDipTf": "Y",
    "trunkGroupMgmtEnabled": "N",
    "portOutContactList": {
      "portOutContactItem": [
        {
          "contactLastName": "Email",
          "contactFirstName": "Test",
          "contactEmail": "test@email.com"
        }
      ]
    },
    "msgDeliveryReceipt": "N"
  }
}
```

}

Update Account Default Settings

POST /accountDefault

This operation allows you to update the current default settings for your company.

Value	Description	Required
privateKey	API key required to validate your application	Yes
customerDefault	Contains customer default settings	Yes
contactFirstName	First name of default company contact	No*
contactLastName	Last name of default company contact	No*
contactEmail	Email address where API updates will be sent	No*
desiredPortTime	Desired default port-in time in HH:MM (e.g. 14:00)	No
desiredPortTimeZone	Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT	No
portOutPin	Company-level PIN used for onnet port-out protection on Tier 0 & HI numbers without individual port-out PINs	No
cnamDip	Default CNAM delivery for inbound calls / CNAM dip; acceptable values are Y and N	No*
cnamDipTf	Default CNAM delivery for TF inbound calls / CNAM dip; acceptable values are Y and N	No*
ipFilteringEnabled	Acceptable values are Y or N	No
ipRange	Valid IP range needs to be set if ipFilteringEnabled is set to Y. To Delete send blank value	No
emailDomain	Valid email domain(s) need to be set if SSO enabled	No
sloUrl	If SSO enabled, Single logout URL can be set to redirect customer portal logout to clients IDP.	No
portOutContactList	Contains one or more port-out contacts	No**
portOutContactItem	Contains one or more port-out contacts	No**
contactLastName	Last name of port-out contact	No**
contactFirstName	First name of port-out contact	No**
contactEmail	Email address of port-out contact; email notifications will be sent to this address for port-out authorization	No**

Response:

Parameter	Description	Type
status	Indicates whether the API call was successful. Values: Success or Failure	String

statusCode	200 - Successful	String
	410 - Invalid Request Primary private key is required	String
	400 - Requested key is not found	String
	431 - Unable to complete the request at the moment, please try again.	String
	408 - Private Key cannot be blank.	String
	430 - No Result Found	String
	409 - Invalid Input Parameters: (Required Fields)	String
	418 - Character limit is exceeded for: portOutPin	String
	414 - Fields Are Required:	String

*Required when a null value is returned in accountDefaultDetail

**Will be overwritten to null if not sent

***Required when webhookUrl is present

For Webhook configuration, please use the Customer Notification APIs found [here](#)

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/accountDefault HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjk2314mno5pqrX6yzab",
  "customerDefault": {
    "contactLastName": "Notices",
    "contactFirstName": "API",
    "contactEmail": "API@email.com",
    "desiredPortTime": "14:00",
    "desiredPortTimeZone": "US/Pacific",
    "webhookUrl": "test.inteliquent.com",
    "portOutPin": "123",
    "cnamDip": "Y",
    "cnamDipTf": "Y",
    "emailDomain": "google.com,icloud.com",
    "ipFilteringEnabled": "Y",
    "ipRange": "1.2.3.4.0/24",
    "sloURL": "https://google.com/#logout",
    "portOutContactList": {
      "portOutContactItem": [
        {
          "contactLastName": "Email",
          "contactFirstName": "Test",
          "contactEmail": "test@email.com"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
```

```
"statusCode": "200"
}
```

Webhooks for Order and Port-Out Number Updates

You can configure a webhook URL where you would like Inteliquent to post updates regarding your orders and telephone numbers; use the [/accountDefault](#) API to configure the URL and optional authorization header value.

Webhooks are triggered for the following events:

1. Order status update (all order types)
2. Port-in number status update (different statuses may be applied to individual numbers on the same port-in order)
3. Port-out number authorization (if `authorizeWebhookPortout` is set to Y for your account)
4. Wireless Port-out number authorization (if `authorizeWebhookPortout` is set to Y for your account)
5. Port-out number completion (if `authorizeWebhookPortout` is set to Y for your account)

Order Status Update

1. Order submitted, sample request body:

```
{
  "message": "Order submitted",
  "notificationType": "Order status update",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

2. Order canceled, sample request body:

```
{
  "message": "Order canceled",
  "notificationType": "Order status update",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Canceled",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

3. Order completed, sample request body:

```
{
  "message": "Order completed",
  "notificationType": "Order status update",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
}
```

```
"orderStatus": "Closed",
"customerOrderReference": "CustomerRef1234",
"timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

4. Note added to order, sample request body:

```
{
  "message": "This is the text of the note that was added...",
  "notificationType": "Order note added",
  "orderId": 1234567,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

Port-In Number Status Update

1. Telephone number rejection reason added or updated, sample request body:

```
{
  "notificationType": "Port-in group status update",
  "orderId": 1085016,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "tnGroup": "Group ID 88950 - Verizon Wireless:6006 - SVR/2",
  "groupStatus": "Invalid BTN",
  "message": "Group ID 88950 - Verizon Wireless:6006 - SVR/2 reject: Invalid BTN",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tnList": {
    "tnItem": [{
      "tn": 3344125614,
      "endUser": {
        "name": "Test",
        "streetNum": "123",
        "streetName": "Test",
        "streetType": "Dr",
        "city": "Chi",
        "state": "IL",
        "postalCode": "12321"
      }
    }
  ]
}
```

2. Telephone number port date (FOC) set, sample request body:

```
{
  "notificationType": "Port-in group status update",
  "orderId": 1085016,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
```

```

"customerOrderReference": "CustomerRef1234",
"tnGroup": "Group ID 88948 - Cingular Wireless/2",
"groupStatus": "FOC 09/01/2017",
"message": "09/01/2017 Port Date set for Group ID 88948 - Cingular Wireless/2",
"timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
"tnList": {
  "tnItem": [ {
    "tn": 3344125636,
    "endUser": {
      "name": "Belinda East",
      "streetNum": "123",
      "streetName": "Broadway",
      "city": "Lalala",
      "state": "AL",
      "postalCode": "32123"
    }
  } ]
}
    
```

3. Telephone number port complete, sample request body:

```

{
  "notificationType": "Port-in group status update",
  "orderId": 1085016,
  "orderType": "LNP Port-In",
  "orderStatus": "Pending",
  "customerOrderReference": "CustomerRef1234",
  "tnGroup": "Group ID 520372 - XO Communications MA:4536 - NSR//",
  "groupStatus": "Port Complete",
  "message": "Group ID 520372 - XO Communications MA:4536 - NSR//Port Complete",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tnList": {
    "tnItem": [
      {
        "tn": 3344125688,
        "endUser": {
          "name": "Elphie West",
          "streetNum": "124",
          "streetName": "Broadway",
          "city": "Lalala",
          "state": "AL",
          "postalCode": "32123"
        }
      },
      {
        "tn": 3344125688,
        "endUser": {
          "name": "Elphie West",
          "streetNum": "124",
          "streetName": "Broadway",
          "city": "Lalala",
          "state": "AL",
          "postalCode": "32123"
        }
      }
    ]
  }
}
    
```

```
}
```

Port-Out Number Updates – Losing Carrier (port-out)

1. Port-out Update

```
{  
  "message": "05/08/2024 FOC Date set",  
  "notificationType": "Port-out update",  
  "orderId": "112952548",  
  "orderType": "LNP Port-Out",  
  "orderStatus": "Pending",  
  "timestamp": "06/05/2024 11:00:45.000508 AM -05:00",  
  "customerOrderReference": "6006024127527875"  
}
```

2. Port out canceled

```
{  
  "message": "Port-out canceled",  
  "notificationType": "Port-out canceled",  
  "orderId": "112941455",  
  "orderType": "LNP Port-Out",  
  "orderStatus": "Canceled",  
  "timestamp": "06/05/2024 10:56:45.000231 AM -05:00",  
  "tn": "7654494758",  
  "customerOrderReference": "L290415278A"  
}
```

Port-Out Number Authorization

If your [/accountDefault](#) setting is Y for authorizeWebhookPortout, Inteliquent will post notice of an incoming port-out order against one of your assigned telephone numbers, and you can respond with authorization or rejection based on the information submitted by the gaining carrier sent in the body of the webhook request.

Note: Port-out number authorization is only supported for telephone numbers with a tnSource of NATIVE or a tnSource of PORTIN and a rateCenterTier of 0 or HI as returned in the [/tnDetail](#) API.

If Inteliquent does not receive a synchronous response from your application for a port-out authorization webhook, the port-out may be processed manually via an email to your porting / provisioning team. You can configure the email address(es) where manual notifications are sent via the [/accountDefault](#) API.

Sample port-out authorization request body:

```
{
  "notificationType": "Port-out authorization",
  "orderId": 1085156,
  "orderType": "LNP Port-Out",
  "orderStatus": "Pending",
  "customerOrderReference": "Customer1234",
  "message": "Port-out submitted",
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00",
  "tn": 2012041324,
  "portOutPin": "abc24204201",
  "endUser": {
    "name": "Tom Thumb Landscaping",
    "streetNum": "123",
    "streetName": "Test",
    "city": "Chi",
    "state": "IL",
    "postalCode": "60661"
  },
  "authName": "Thomas Greene"
}
```

Sample wireless port-out authorization request body:

```
{
  "message": "Port-out submitted",
  "notificationType": "Wireless Port-out authorization",
  "orderId": 1364035,
  "orderType": "LNP Port-Out",
  "orderStatus": "Pending",
  "timestamp": "22/09/2020 10:16:00.000084 AM -05:00",
  "tn": 2096165000,
  "portOutPin": "123",
  "endUser": {
    "name": null,
    "streetNum": null,
    "streetPreDir": null,
    "streetName": null,
    "streetType": null,
    "city": null,
  }
}
```



```

        "state": null,
        "postalCode": null
    },
    "authName": "Thomas Greene",
    "accountNum": "12022354225",
    "customerOrderReference": "6006020266324219"
}
    
```

Note: Only one telephone number and its corresponding port-out information is sent per port-out authorization webhook.

There are two response scenarios: “Acknowledge” the port, or “Reject” the port:

1. **Acknowledge:** In order to acknowledge the port-out request, your application will need to respond with an HTTP 200 and status code = 0. This will acknowledge that you have received the request and if no further action is taken within a stipulated time, the port will be authorized and processed accordingly.

Example Response – Successful Acknowledgement:

```

HTTP/1.1 200 OK
{
  "statusCode": 0
}
    
```

2. **Reject:** To reject a port request, your application will need to respond with an HTTP 4XX with an `invalidReason`. When the response is such, the TN is deleted from the order and not processed. The order will continue to move through the pipeline if other TNs on the order are not rejected.

The response body in case of errors should contain a parameter `invalidReason` with one of the following values. You may send either the abbreviation or the full reason in the reason.

Abbreviation	Reject Reason
PIN	PIN required/invalid
DATAMIS	All data mismatch
AUTHNMMIS	Auth name mismatch
INVACCT	Invalid account number
INVZIPCD	Invalid zip code
INVENDUSER	Invalid End User
INVADDR	Invalid Address

If an `invalidReason` is not received, Inteliquent will apply a default reason of invalid PIN.

Example Response – Failed Authorization:

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "PIN",
  "statusCode": 100
}
```

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "End User",
  "statusCode": 100
}
```

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "Address Invalid",
  "statusCode": 100
}
```

```
HTTP/1.1 401 UNAUTHORIZED
{
  "invalidReason": "Auth Name Invalid",
  "statusCode": 100
}
```

Other Errors:

1. If the format the webhook is invalid, then return with the `statusCode = 400`.

Example Response – Invalid web hook request format:

```
HTTP/1.1 401 UNAUTHORIZED
{
  "statusCode": 400
}
```

2. If there are communications error with your application, webhooks will be retried 5 times at 30 minutes, 1 hr, 2 hrs , 4hrs and 8hrs from the previous attempt.

Port-Out Number Completion

Sample port-out completion request body:

```
{
  "notificationType": "Port-out completed",
  "orderId": 1085156,
  "orderType": "LNP Port-Out",
  "orderStatus": "Closed",
  "customerOrderReference": "CustomerRef1234",
  "message": "Port-out completed",
  "tn": 2012041324
  "timestamp": "31/7/2017 4:56:06.000000 AM -05:00"
}
```

This notification indicates that the number ported away and has been removed from routing and billing for your account on the Inteliquent network.

Message Broker Operations

Inteliquent offers API-based message broker services for inbound and outbound messages. Outbound messages sent through the Inteliquent API must be sent from a telephone number assigned to your Inteliquent account with an active messaging feature to be eligible for use.

Message Service Overview

To use the message broker service:

1. Provision at least one telephone number with the appropriate message class and message type using the provisioning operations (e.g. [tnOrder](#)).
2. Establish your master API key for the message broker service through the portal: <https://portal.inteliquent.com/CustomerPortal/msgBrokerApiDetails.htm>.
3. Use your API key(s) for the message broker service in the authorization header with all requests to send outbound messages using the [publishMessages](#) endpoint.
4. Configure one or more webhooks for delivery of inbound messages using the portal or the [configureAuthorization](#) endpoint.

To reach the messaging broker services, direct requests to the following endpoint:

<https://messagebroker.inteliquent.com/msgbroker/rest>

Note: The message broker service is available in production only for live messaging-enabled numbers and live messages; there is no sandbox environment for this service. Only RESTful protocols are supported within the message broker service suite.

Send and Receive Messages

Use the following operations to send outbound messages and manage webhooks for inbound messages:

- [POST /publishMessages](#)
- [POST /selectAuthorization](#)
- [POST /configureAuthorization](#)
- [POST /removeAuthorization](#)
- Inbound Webhook Message Structure

Send Outbound Message

POST /publishMessages

This operation allows you to send an outbound SMS or MMS message. The value of the `from` parameter must be a telephone number on your Inteliquent account with active messaging services enabled.

The authorization bearer header in your request must match one of your API keys for the message broker service. Validation is performed to ensure that the number sent in the `from` parameter is assigned to your account and has active messaging service enabled.

Parameter	Description	Required
from	Telephone number to send message; must be assigned to your account with active SMS services enabled (e.g. 19205550000)	Yes
to	Telephone number to receive message (e.g. 19205550001)	Yes
text	SMS text message content; message will be sent as SMS if <code>mediaUrls</code> is not sent	No
mediaUrls	MMS file content location; message will be sent as MMS if this value is sent	No
referenceId	Optional. You can send your own <code>referenceId</code> for your own tracking but Inteliquent/Sinch Voice will send one in the HTTP response that should be correlated with the DLR status.	No

Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/publishMessages HTTP/1.1
Authorization: Bearer BfRNyi0gcyjI5UPgC2ZR5grsj2XyW5DD
{
  "from": "19205551234",
  "text": "Hello",
  "to": [
    "19205551235"
  ],
  "mediaUrls": [
    "https://www.inteliquent.com/INQT/media/INQT/Theme/images/logo.svg"
  ]
}
```

Responses:

Parameter	Description	Required
success	Possible values returned: true, false	Yes
reason	Possible values: SUCCESS, INVALID, ERROR	Yes
detail	String giving details of any errors	Yes

Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS",
  "result": {
    "referenceId": "d88231b5-13b3-4fb2-8528-bc7164309389",
    "from": "19205551234",
    "text": "Hello",
    "mediaUrls": [
      "https://www.inteliquent.com/INQT/media/INQT/Theme/images/logo.svg"
    ],
  }
}
```

```
"messageType": "MMS",
"resultResponses": [
  {
    "to": "19205551235",
    "status": "SUCCESS"
  }
]
}
```

Example Error Responses: TN not owned by sender

```
HTTP/1.1 200 OK
{
  "success":false,
  "reason":"INVALID",
  "detail":"[TN not owned by sender]"
}
```

Example Error Responses: Parsing error (missing/incorrect element in body)

```
HTTP/1.1 200 OK
{
  "response": {
    "success": false,
    "reason": "ERROR",
    "detail": "JSON parse error: Unexpected character ('\'' (code 34)): was expecting comma to separate Object entries; nested exception is com.fasterxml.jackson.core.JsonParseException: Unexpected character ('\'' (code 34)): was expecting comma to separate Object entries\n at [Source: java.io.PushbackInputStream@10319ab2; line: 4, column: 3]"
  },
  "errors": [
    "JSON parse error: Unexpected character ('\'' (code 34)): was expecting comma to separate Object entries; nested exception is com.fasterxml.jackson.core.JsonParseException: Unexpected character ('\'' (code 34)): was expecting comma to separate Object entries\n at [Source: java.io.PushbackInputStream@10319ab2; line: 4, column: 3]",
    "Http message could not be written because com.fasterxml.jackson.core.JsonParseException: Unexpected character ('\'' (code 34)): was expecting comma to separate Object entries\n at [Source: java.io.PushbackInputStream@10319ab2; line: 4, column: 3]"
  ]
}
```

Example DLR with Reference ID

Example Request:

```
{
  "from": "12012150128",
  "text": "Hello World",
  "to": [
    "12145623679"
  ],
  "mediaUrls": [
  ]
}
```

Example Response:

```
{
  "detail": "SUCCESS",
  "reason": "SUCCESS",
  "result": {
    "fragmentCount": 1,
    "from": "12012214750",
    "messageType": "SMS",
    "referenceId": "6933837C",
    "resultResponses": [
      {
        "status": "SUCCESS",
        "to": "12145623679"
      }
    ],
    "text": "Hello World"
  },
  "success": true
}
```

DLR Example with reference ID:

```
{
  "completionTimestamp": "2024-02-07T18:03:00.000Z",
  "deliveryReceipt": true,
  "from": "12145623679",
  "referenceId": "6933837C",
  "submissionTimestamp": "2024-02-07T18:03:00.000Z",
  "text": "id:1764983676 sub:001 dlvr:001 submit date:2402071203 done date:2402071203",
  "stat": "DELIVRD err:000 text:",
  "to": ["12012214750"]
}
```

Note: The “TN not owned by sender” error response indicates that the `from` value in your request is not a number provisioned with messaging services on your account, and/or that the authorization header in your request was not sent with a valid message broker API key for your account.

Note: The reference ID returned is the one that is generated by the downstream platform. All future delivery receipts would be based off of this reference ID and not the one sent by the calling client.

Retrieve API Key and Webhook Information

POST /selectAuthorization

Use this endpoint to retrieve all message broker API keys and webhook URLs configured for your account’s message broker service.

The body of the request should be empty, and one of your API keys generated from the portal must be sent in the authorization header.

Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/selectAuthorization HTTP/1.1
Authorization: Bearer BfRNyi0gcyjI5UPgC2ZR5grsj2XyW5DD
{
```

```
}

```

Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS",
  "authConfig": {
    "authorizations": [
      {
        "authId": 19,
        "inboundAuth": false,
        "apiKey": "BfRNyi0gcyjI5UPgC2ZR5grsj2XyW5DD"
      },
      {
        "authId": 20,
        "inboundAuth": true,
        "tn": "8454777374",
        "headerName": "Authorization",
        "headerValue": "Bearer 123456abc",
        "webhookUrl": "testwebhookcallback.com"
      }
    ]
  }
}
```

Configure Inbound Message Webhook

POST /configureAuthorization

Use this endpoint to add webhook URLs for inbound messages. Optionally, webhooks can be applied to different telephone numbers on your account. One of your outbound API keys generated from the portal must be sent in the authorization header.

Parameter	Description	Required
authorizations	Contains one or more sets of webhook URL information	Yes
inboundAuth	Must be sent as true	Yes
webhookUrl	URL where webhooks should be sent for inbound messages received to your assigned numbers	Yes
apiKey	Configure webhook with API key based hash authorization. The apiKey and messageId are concatenated and that token will be hashed using the SHA256 hashing scheme, and sent in a second HTTP header. The hash format is: SHA256([API key+messageId]), where the messageId is located in the messageID HTTP header and the fully hashed value is located in the verificationToken HTTP	No

	header.	
headerName	Custom header name to be included with each request sent to the webhook URL	No
headerValue	Custom header value to be included with each request sent to the webhook URL	No
tn	Configure webhook URL for a specific telephone number (e.g. 17044561234); if not included, webhook URL will apply to inbound messages for all of your telephone numbers	No

Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/configureAuthorization HTTP/1.1
Authorization: Bearer BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD
{
  "authorizations": [
    {
      "inboundAuth": true,
      "webhookUrl": "testwebhookcallback.com/inteliquent",
      "tn": "17044561234"
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS",
  "authConfig": {
    "authorizations": [
      {
        "authId": 2,
        "inboundAuth": true,
        "webhookUrl": "testwebhookcallback.com/inteliquent",
        "tn": "17044561234"
      }
    ]
  }
}
```

Remove API Key and Webhook Information

POST /removeAuthorization

Use this endpoint to remove API keys and webhooks from your message broker account. One of your outbound API keys generated from the portal must be sent in the authorization header.

Parameter	Description	Required
authorizations	Contains one set of API or webhook information to be removed from your account	Yes
authId	ID associated to the API key or webhook to be removed (as retrieved from selectAuthorization)	Yes

Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/removeAuthorization HTTP/1.1
Authorization: Bearer BfRNyiOgcyjI5UPgC2ZR5grsj2XyW5DD
{
  "authorizations": [
    {
      "authId": 20
    }
  ]
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "success": true,
  "reason": "SUCCESS",
  "detail": "SUCCESS"
}
```

Receive Inbound Message Webhook

When an inbound message is received by the platform, it will be sent via preconfigured webhooks to your platform. The platform will use your inbound webhook information in the following sequence:

1. Check if there is an inbound webhook configured for the inbound TN, if yes, then use the corresponding URL.
2. Check if there is a company level webhook configured for inbound messaging. If yes, then use the corresponding URL.
3. If no inbound webhooks are found configured for the company, then the message is dropped and not delivered anywhere.

Parameter	Description	Required
referenceId	Cross reference for the message Id	Yes
from	TN of the sender	Yes
text	Text message included as part of the MMS call	No
deliveryReceipt	If this message is a delivery receipt, then the value is set to true.	No
to	Array of multiple TNs to whom the message was sent	Yes
mediaUrls	Optional field with an array of media assets retrievable via URL	No

Example Request:

```

POST https://<webhook> as configured HTTP/1.1
Authorization: Bearer <as configured>
{
  "referenceId": "Acc009773Fd7Gdec",
  "from": 13123752629,
  "text": "This message is fun",
  "deliveryReceipt": true,
  "to": [
    12345678901,
    14567890232,
    18098767654
  ],
  "mediaUrls": [
    "http://cnn.com/attachment/file1.ext",
    "http://cnn.com/attachment/file2.ext"
  ]
}

```

Additional Information

Order Validation

Additional validation occurs on large telephone number and port-in orders behind-the-scenes after a request is successfully transmitted.

Telephone Number Order

When you send a /tnOrder request that contains more than 100 telephone numbers, Inteliquent performs the following checks in the background, after initially returning a generic 200 Success response with a shell order number:

- Telephone numbers are in Inteliquent inventory.
- Telephone numbers are available for ordering (e.g. not reserved or already assigned).

Any invalid telephone numbers will be automatically removed from the order after processing, and recorded in the [/excludedTnList](#). The [/orderDetail](#) operation will return all telephone numbers that were successfully added to the order after background processing.

If all telephone numbers on a large request are invalid, your order will automatically be cancelled and you will receive a follow-up webhook (if configured).

Port-In Order

When you send a `/portInOrder` request, Inteliquent performs the following checks in the background, after initially returning a generic 200 Success response with a shell order number:

- Telephone numbers are in approved Inteliquent rate centers.
- Telephone numbers are not already assigned to your company.
- Telephone numbers are not on a pending order.

Any invalid telephone numbers will be automatically removed from the order after processing, and recorded in the [/excludedTnList](#). The [/orderDetail](#) operation will return all telephone numbers that were successfully added to the order after background processing.

If all telephone numbers on a large request are invalid, your order will automatically be cancelled and you will receive a follow-up webhook (if configured).

Order Statuses

There are five possible order statuses. Orders can be searched by status code using the `orderList` API request. The order status name is returned in `orderList` and `orderDetail` response.

Status Code (<code>orderList</code> request)	Status Name (<code>orderList</code> and <code>orderDetail</code> response)
INCOMPLT	Incomplete
PENDING	Pending
PCNCL	Pending Cancel
CNCL	Canceled
CLSD	Closed

Incomplete

Incomplete is an interim status applied when an order is undergoing initial validation in the Inteliquent database. This status will remain until the database adds all of the telephone number, port-in, and feature information (if applicable) to the order.

Requesting `orderDetail` on an order with this status may result in no information returned, as the system is still processing order information. For larger orders, especially port-in orders, Incomplete status may remain for a several minutes to hours due to the amount of validation occurring. For smaller orders, Incomplete status will only be applied for 10-15 seconds.

Pending

Pending status indicates that the order is being processed, either automatically or by an Inteliquent employee. For new telephone number ordered from Inteliquent inventory, Pending status will appear while the telephone numbers are moved into routing, which occurs at a rate of four telephone numbers per second, so the amount of time the order spends in this status will depend on how many numbers were ordered. If there are any features on the order (CNAM, directory listing, 911, or messaging), there will be additional processing time to apply features to the telephone numbers – typically a few seconds total for all features. Features are enabled all at once (rather than at a rate of four per second).

For port-in orders, Pending status will remain from the time the order is being submitted to the losing carrier to the time the last telephone number on the order ports into Inteliquent’s network, which may take as little as three to five business days to several weeks. Processing time for port-in orders is based on the desired due date and the time it takes to secure a port approval from the losing carrier.

Pending Cancel

Sending the `cancelOrder` request through the Inteliquent portal or services API will move the order to Pending Cancel status until it can be reviewed by an Inteliquent employee. The Inteliquent employee will review the order and ensure that any completed work is undone if necessary. For example, cancelling a port-in order may require Inteliquent to send a cancellation request to the losing carrier to ensure that the numbers do not port.

Canceled

Canceled status indicates that an order has been canceled. This may occur manually by an Inteliquent employee after receiving a cancel request and validating a Pending Cancel order, or may be processed automatically by the database when an invalid order is submitted. For more information on automatic order cancellations, review the [Order Validation](#) section.

Closed

Closed status indicates that all work associated to the order is complete, and the requested telephone numbers, features, and/or changes have been processed.

Port-In Status

When you initiate a port-in order through the Inteliquent portal or API, there are several possible statuses for each telephone number on the order:

1. Pending FOC
2. FOC Secured (Port Date Set)
3. Jeopardy (Correction Required)

Possible rejections include:

- Address remaining services on account
- Auth name mismatch
- All data mismatch

- Invalid end user name
- Invalid account number
- Invalid address
- Invalid BTN
- Invalid zip code
- Need LOA (dated within 30 days)
Use [POST /orderAddDocument](#) to attach an LOA.
- Local Service Freeze on account
- New BTN needed for partial port
- No ICA with Carrier
- PIN required/invalid
- TN inactive/disconnected
- TN not portable
- TN on a pending request
- TNs belong on different accounts
- Other Reject – Please see notes

4. Port Complete

Each individual number on a port-in order may have a unique status. This is crucial to incorporate into your API integration – do not rely on the order-level status to determine status of porting numbers. You should call the `orderDetail` endpoint and obtain individual number-level status and ensure proper tracking of porting numbers.

Pending

To identify a port-in number pending with no FOC, look for a `tnStatus` of `Pending` with the absence of a `portDt` parameter in the `orderDetail` response:

```
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {"tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": "",
          "locationType3": "",
          "locationValue3": "",
          "city": ""
        }
      }
    ]}
  }
}
```

```

    "state": "",
    "postalCode": "",
    "typeOfService": "",
    "status": "Received"
  },
  "tnFeature": {
  },
  "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
  "accountNum": "1234",
  "atn": "1231231232",
  "lata": "478",
  "rateCenter": "SELMA",
  "province": "AL",
  "tnStatus": "Pending",
  "portTime": "09:00 US/Central",
  "authName": "",
  "accountPin": "",
  "routingLabel": "NTNYC-541-DID-950"
}],
"orderId": 1084675,
"orderStatus": "Pending",
"productName": "LNP Port-In",
"serviceOrderName": "New",
"customerOrderReference": "",
"createdDate": "2017-06-23T00:00:00.000+0000",
"createdUser": "api_user",
"desiredDueDate": "2017-08-21T00:00:00.000+0000",
"desiredPortTime": "09:00 US/Central"
}
}

```

FOC Secured (Port Date Set)

To identify a port-in number with confirmed FOC, look for a tnStatus of Received FOC with the presence of a portDt parameter in the orderDetail response:

```

{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {"tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": "",
          "locationType3": "",
          "locationValue3": ""
        }
      }
    ]}
  }
}

```

```

    "city": "",
    "state": "",
    "postalCode": "",
    "typeOfService": "",
    "status": "Received"
  },
  "tnFeature": {
  },
  "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
  "accountNum": "1234",
  "atn": "1231231232",
  "lata": "478",
  "rateCenter": "SELMA",
  "province": "AL",
  "tnStatus": "Received FOC",
  "portDt": "2017-08-21T00:00:00.000+0000",
  "portTime": "09:00 US/Central",
  "authName": "",
  "accountPin": "",
  "routingLabel": "NTNYC-541-DID-950"
}],
"orderId": 1084675,
"orderStatus": "Pending",
"productName": "LNP Port-In",
"serviceOrderName": "New",
"customerOrderReference": "",
"createdDate": "2017-06-23T00:00:00.000+0000",
"createdUser": "api_user",
"desiredDueDate": "2017-08-21T00:00:00.000+0000",
"desiredPortTime": "09:00 US/Central"
}
}

```

Jeopardy (Correction Required)

To identify a port-in number in jeopardy status with the losing carrier where a correction is required, look for a tnStatus containing a rejection reason (detailed on p.71) in the orderDetail response:

```

{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {"tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",
          "locationValue2": ""
        }
      }
    ]}
  }
}

```



```

        "locationType3": "",
        "locationValue3": "",
        "city": "",
        "state": "",
        "postalCode": "",
        "typeOfService": "",
        "status": "Received"
    },
    "tnFeature": {
    },
    "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "1234",
    "atn": "1231231232",
    "lata": "478",
    "rateCenter": "SELMA",
    "province": "AL",
    "tnStatus": "All data mismatch",
    "portTime": "09:00 US/Central",
    "authName": "",
    "accountPin": "",
    "routingLabel": "NTNYC-541-DID-950"
    ]}],
    "orderId": 1084675,
    "orderStatus": "Pending",
    "productName": "LNP Port-In",
    "serviceOrderName": "New",
    "customerOrderReference": "",
    "createdDate": "2017-06-23T00:00:00.000+0000",
    "createdUser": "api_user",
    "desiredDueDate": "2017-08-21T00:00:00.000+0000",
    "desiredPortTime": "09:00 US/Central"
    }
}

```

Use the `orderUpdate` endpoint to make corrections to the applicable telephone number(s).

Port Complete

To identify a port-in number that has completed, look for the a `tnStatus` of `Activated` or `Complete` in the `orderDetail` response:

```

{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": {"tnItem": [
      {
        "tn": 3344124471,
        "portOutPin": "",
        "trunkGroup": "Main Trunk Group",
        "endUser": {
          "name": "",
          "streetNum": "",
          "streetPreDir": "",
          "streetName": "",
          "streetType": "",
          "streetPostDir": "",
          "locationType1": "",
          "locationValue1": "",
          "locationType2": "",

```

```

        "locationValue2": "",
        "locationType3": "",
        "locationValue3": "",
        "city": "",
        "state": "",
        "postalCode": "",
        "typeOfService": "",
        "status": "Received"
    },
    "tnFeature": {
    },
    "tnGroup": "Group ID 88577 - Verizon Wireless:6006 - SVR/2",
    "accountNum": "1234",
    "atn": "1231231232",
    "lata": "478",
    "rateCenter": "SELMA",
    "province": "AL",
    "tnStatus": "Complete",
    "portDt": "2017-08-21T00:00:00.000+0000",
    "portTime": "09:00 US/Central",
    "authName": "",
    "accountPin": "",
    "routingLabel": "NTNYC-541-DID-950"
    }],
    "orderId": 1084675,
    "orderStatus": "Pending",
    "productName": "LNP Port-In",
    "serviceOrderName": "New",
    "customerOrderReference": "",
    "createdDate": "2017-06-23T00:00:00.000+0000",
    "createdUser": "api_user",
    "desiredDueDate": "2017-08-21T00:00:00.000+0000",
    "desiredPortTime": "09:00 US/Central"
}
}
}

```

Character Limits

The following character limits apply to the parameters for the tnOrder, tnMessagingOrder, tnUpdate, tnFeatureOrder, tnDisconnect, portInOrder, portInMessagingOrder, and orderUpdate operations.

Parameter	Character Limit	Special Formatting / Acceptable Values
privateKey	28	
customerOrderReference	100	
loa	1	Acceptable value is Y
desiredDueDate	10	Format date YYYY-MM-DD (e.g. 2015-12-15)
desiredPortTime	5	Format time HH:MM (e.g. 14:00)
desiredPortTimeZone	11	Acceptable values are US/Eastern, US/Central, US/Mountain, US/Pacific, and GMT
tnItem		
tn	10	

trunkGroup	23	Use /trunkGroupSearchAssigned for acceptable values
portOutPin	15	
accountNum	20	
atn	10	Format telephone number XXXXXXXXXX (e.g. 3125551234)
accountPin	15	
authName	50	
authDate	10	Format date YYYY-MM-DD (e.g. 2015-12-15)
resellerName	25	
endUser		
name	32	
streetNum	10	
streetPreDir	2	
streetName	50	
streetType	10	
city	32	
state	2	
postalCode	10	
typeOfService	1	Acceptable values are B and R
callerId		
callingName	15	
directoryListing		
lastName	50	
firstName	50	

Character Limit Special Formatting / Acceptable Values

Parameter		
streetNum	10	
streetPreDir	2	
streetName	50	
streetType	10	
streetPostDir	2	
location	30	
city	35	
state	2	
postalCode	10	
e911		

name	32	All printable ASCII characters are allowed
origStreetNum	10	
origStreetInfo	48	
origLocation	60	All printable ASCII characters are allowed
origCity	50	
origState	2	
origPostalCode	10	Alphanumeric, spaces allowed (Canada addresses)
origPostalCodePlusFour	4	
messaging		
messageType	5	Acceptable values are P2P, A2PLC, and A2P8XX
messageClass	6	Acceptable values are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT
altSpid	10	
netNumberId	10	

Response Status Codes

Inteliquent API sends the following response status codes to requests to the services.inteliquent.com endpoints.

Status Code	Description
1403	Invalid or missing privateKey parameter
200	The operation was performed successfully
4XX	Dynamic error message; status line provides error details (e.g. telephone number not available, rate center not supported, invalid trunk group name)

Troubleshooting

If you are unable to receive any response from the API (either success or error):

1. Validate the parameters and formatting of your request;
2. Verify that you are sending the correct key and token for the environment you are calling in the request (production or sandbox);
3. Visit <http://status.inteliquent.com/> to confirm that the Inteliquent Services API is fully operational or whether there was a recent service interruption;
4. Email Inteliquent contact for additional assistance identifying and resolving issues at portal_support@inteliquent.com.

Change Log

7/30/2018

1. Added tnE911 (Provision E911) API specifications

8/8/2018

1. Updated Webhooks sample responses based on actual responses.
2. Updated accountDefaultDetail API sample response.

8/22/2018

1. Updated all the Webhook API responses. Specifically, “customerOrderReference” added to response.
2. Below APIs has been updated with request and/or response. Specifically, “customerOrderReference” added to request and/or response.
 - orderDetail
 - orderUpdate
 - orderCancel
 - orderAddNote
 - orderNote
 - orderAddDocument
 - orderDocument
 - excludedTnList
 - excludedFeatureList
 - portInOrderAvailableActivation
 - portInOrderActivate
 - portInOrderList
 - portInOrderTnList

3. nnidList API removed as we no longer support.

8/28/2018

1. Updated “orderNote” API response to return time stamp as well for “insertDate” attribute.

9/27/2018

1. Adding features when ordering or porting-in TNs/TFNs has not changed.
2. Going forward, /tnFeatureOrder and /tfFeatureOrder should be used to add, update, or remove features for all TNs/TFNs. This includes support for TNs/TFNs purchased directly from Inteliquent as well as TNs/TFNs purchased from other providers.
3. The following will be supported until we can verify they are no longer in use:
/tnMessagingOrder, /tnE911Order, /tfMessagingOrder
4. Updated accepted values for message type wherever required. Acceptable values are

P2P, A2PLC, and A2P8XX

10/23/2018

1. Added “tnE911Validate” API.
Accepts E911 Order fields (including the TN, name, location, etc.)
Validates the E911 Address. Validates required fields, field lengths, etc.
2. Added “crsLookupEnabled” flag to “accoutDefaultDetail” API response.
3. Wildcard search option added to “tnInventory” API
4. Added “tnCsrLookup” API

11/12/2018

1. Added “tnMessaging” API.
2. Added below attributes to “orderDetail” API response.
cnamEnabled, cnamStatus, dlEnabled, dlStatus,
e911Enabled, e911Status, msgEnabled, msgStatus
3. Updated ‘productId’ information for “orderList” API.
4. Added “searchId” parameter for tnInventory, tnDetail & tfDetail APIs request & response.
5. “tnSearchAssinged” API will be deprecated, please switch to “tnDetail” API.

12/18/2018

1. Added “tnRequest” API.
2. Added “rateCenter” attribute to “tnInventoryCoverage” API request.

01/03/2019

1. Updated various request/response samples for “tnE911” API.

01/23/2019

1. Added “e911CallSearch” API.
2. Updated ‘tnRequest’ API to request messaging only TNs (Trunk Group requirement removed).

02/02/2019

1. Updated to add “candidateAddressList” within the response to ‘addressValidate’ and ‘tnE911Validate’ APIs

02/22/2019

1. Added “trunkGroupSessionUpdate” API to update session count for given customer’s trunk group.
2. Added “excludedE911Detail” API to retrieve 911 detail for order’s TNs with detail and excluded reason for which E911 feature requested but not successful due to various reasons.
3. Added ‘nnidList’ API

4. Updated 'callingName' requirements for below APIs, as "callingName" should have at least 1 alpha character
 - tnOrder
 - tnFeatureOrder
 - portInOrder
 - tfOrder
 - tfFeatureOrder
 - orderUpdate

03/24/2019

1. Added 'switchLocationList', 'dtmfRelayList', 'customerLocationList', 'trunkGroupOrder', 'changeTrunkGroupOrder', 'trunkGroupOrderList', 'trunkGroupOrderDetail' APIs for Trunk Group Ordering
2. Added 'tfFeatureE911List' API to retrieve toll-free numbers with E911 enabled.

04/23/2019

1. Updated 'tfDetail' API to return tnNote, CNAM Dip and E911 feature info.
2. Updated 'tfOrder' API to accept tnNote, CNAM Dip and E911 feature info.
3. Updated 'tfFeatureOrder' API to accept CNAM Dip and E911 feature info.
4. Updated 'tnNoteUpdate' API to accept tnNote for Toll-free Numbers.
5. Updated 'tfMessagingOrder' API to accept tnNote info.
6. Updated 'accountDefault' API to set/accept 'cnamDipTf' parameter for TF CNAM Dip.
7. Updated 'accountDefaultDetail' API to return 'cnamDipTf' parameter as part of response.
8. Updated 'tnFeatureCnamDipList', 'tnFeatureCnamList', 'tnFeatureE911List' & 'tnFeatureMessageList' APIs to return telephone and toll-free numbers.
9. Updated 'tnFeatureE911List' API to accept "tnMask" parameter as well part of request to get specific numbers.
10. Updated "E911 Location" parameter character limit to "60" in all applicable APIs.

04/29/2019

1. Updated "Account PIN" max length to 15.
2. Updated example Webhook responses in case of Port-Out Authorization.
3. Updated Acceptable values for "message-type" are SMS, MMS, SMSMMS, SMS_ALT, MMS_ALT and SMSMMS_ALT

05/28/2019

1. Updated "tnInventoryCoverage", "rateCenterCoverage", "tnDetail", "tnSearchAssigned", "portInAvailability" APIs to accept "wireless" attribute as part of request.
2. Updated "tnInventory" API to include various search options like "rate center", "city/state", or "postal code" along with radius or sequential or local option.
3. Updated port out time frame from 5 business days to 2 business days.
4. Added "Health Checker" information.

06/25/2019

1. nnidList API removed as we no longer support.
2. Pagination added for “orderList” API.
3. “orderDetail” API updated to return order notes and process notes(for Port-In orders).
4. “tnCsrLookup” API updated to perform search using various options like (by tn, by atn and by accountNum) and response is updated to return “tnGroup” if more service locations exist.
5. “tnE911Validate” API updated to include Toll-Free number.

07/18/2019

1. Pagination added for “portInOrderList” API.
2. Added “Other Reject” reason to Port-In status rejection reason list.

12/17/2019

1. Added Client Management, that includes “registerClient”, “resetClient”, “updateClient”, “deleteClient”, “getClientList”
2. Added “tnReserve”, “tnRelease”, “tnReservedList” API.

4/22/2020

1. Added “tnE911Notification”, “tnPortOutReject” API.

07/29/2020

1. Added rateCenterTier as search parameter in “tnInventory”

8/27/2020

1. Added Call Forwarding APIs that includes “tnForward”, “tfForward”, “tnForwardList”, tfForwardList”
2. Added Voice Platform APIs that includes “voiceScript” and “voiceScriptDetail”

9/24/2020

1. Added “portOutApproval” API
2. Added “Wireless Port Out Authorization” webhook to support wireless ports with short timers.
3. Added IP Whitelisting settings via the accountDefault API call.

02/23/21

1. Added International Number APIs

03/24/21

1. Added “tnDnis” API

2. Update “tfOrder” and “tfDetail” to include optional dnis parameter
3. Added “testTrunkGroup” API

04/28/21

1. Added “customeE911Notification” and “customerE911NotificationList” APIs.

05/26/21

1. Added tnRestore and tnPendingDisconnectList APIs
2. Added the following APIs to add campaigns and brands to telephone numbers
 - “messageCampaigns”
 - “tnMessagingCampaign”
 - “tnMessagingCampaignList”

06/24/21

1. Added the following APIs to support Message and Brand Campaigns
 - “addMessagingBrand”
 - “updateMessagingBrand”
 - “addMessagingCampaign”
 - “updateMessagingCampaign”
 - “messagingCampaignClassList”
 - “messagingBrandList”
 - “messagingBrandCampaignList”
2. Added support for configurable webhooks with ‘customerNotificationList’, “customerNotification”, “webhookTypes” and “notificationTypes”

12/15/21

1. Added “tnMove” API
2. Added the following APIs to support Message and Brand Campaigns
 - *messagingBrand/entityList*
 - *messagingBrand/relationshipList*
 - *messagingBrand/brandStatusList*
 - *messagingBrand/brandStockExchangeList*
 - *messagingBrand/alternateBusinessIdTypeList*
 - *messagingBrand/verticalList*
 - *brandOrder*
 - *brandOrderList*
 - *brandOrderDetail*
 - *messagingBrand/useCaseList*
 - *campaignOrder*
 - *campaignOrderList*
 - *campaignOrderDetail*

02/28/22

1. Added “tfMove” API
2. Added “whitelistedAddresses” API
3. Added “registerCampaignCredentials” and “campaignCredentials” API

03/29/2022

1. Added Advanced Call Routing Feature APIs
 - *advancedCallRouteServiceAreas*
 - *advancedCallRouteServiceLocations*
 - *advancedCallRouteTimeZones*
 - *timeProfile*
 - *timeProfileList*
 - *timeProfileDetail*
 - *timeProfileSpecialDay*
 - *timeProfileSpecialDayList*
 - *timeProfileSpecialDayDetail*
 - *advancedCallRoutePlan*
 - *advancedCallRoutePlanList*
 - *advancedCallRoutePlanDetail*

4/27/2022

1. Added *intlConditionList* API to support document conditions.
2. Updated *intlTnReserve* and *intlTnReservedList* API to include countryRef value.

5/25/2022

1. Updated *tfRequest* API to support quantity, routingLabel and respOrgId
2. Updated *advancedCallRoutePlanList* API to support search based routePlanName
3. Updated e911CallSearch API to support search based on timezone.
4. Added numberTypeRef fields in */intlOrderTn* and */intlPortInOrder*
5. Update numberType field to numberTypeRef in international APIs

6/28/2022

1. Updated *intlConditionList*, *intlOrderDetail* and *intlTnAddDocument* to support condition-TypeRef
2. Updated *intlTnOrder* and *intlPortInOrder* APIs to require routingOption.
3. Updated *intlTnRequest* API to include numberTypeRef and prefix(area).
4. Updated *tfOrder*, *tfDetail* APIs to support billingTn and termTn
5. Updated *tfUpdate* API to support termTn
6. Added *tfBtn* API to add or remove billingTn

7/26/2022

1. Added *tfRespOrg* API to retrieve customer resporg on given toll free number.

9/28/2022

1. Added tnDno API to set/unset Do Not Originate settings on a given telephone number.
2. Added tnAltSpid API to set the alternate SPID value on a given telephone number.
3. Updated tnDetail request and response to include searching by dno, altSpid and routingOption elements.
4. Added routingOptionList API to return all the available routing options for specified customer.
5. Added routingOptionDetail API to details for specified routing option.
6. Added routingOption API to add/update customer specified name for existing routing option.

10/27/2022

1. Added routingOption as request parameter to tnOrder, tnRestore, tnMove, tnRequest APIs.
2. Added routingOption as response to orderDetail API.

12/13/2022

1. Added routingOption as request parameter to portInOrder and response parameter to portInOrderAvailableActivation API.
2. Updated tfDetail API request and response to include searching by dno element.
3. Added "tfDno" API.

01/26/2023

1. Updated campaignOrder API with additional required fields

04/27/2023

1. Added max TN search count (1000) validation for tnDetail and tfDetail APIs.