



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/2.0.0>
- Sandbox: <https://services-sandbox.inteliquent.com/Services/2.0.0> (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
privateKey	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	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
{
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m",
  "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 – Make new key primary:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m",
  "keyName": "key334",
  "isPrimary": true
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "companyDetails": {
    "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",

```

```
    "apiSecret": "Sm0Z71lEM6VV4cht1a3E0GqHTE7s",  
    "keyName": "key334",  
    "isPrimary": true  
  }  
}
```

Example Request 3 – Not using a primary key:

```
POST https://services.inteliquent.com/ClientMgmt/1.0.0/registerClient HTTP/1.1  
Authorization: Basic a12b34567c89012def34g56789hi0j12  
{  
  "privateKey": "E3A7RgBWaiU6xkl4wnZrx23ha74m",  
  "keyName": "key334",  
  "isPrimary": true  
}
```

Example Response:

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

Example Request 4 – Missing Required Field:

```
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": "Invalid Request Primary key is required",  
  "statusCode": "410"  
}
```

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
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	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
updatedDate	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
{
  "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 or wrong 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": " Requested key is not found ",
  "statusCode": "400"
}
```

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
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
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
updatedDate	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
{
  "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
{
  "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
{
  "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
  "keyName": "Key New Names",
  "isPrimary": false
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request Make other company 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": "Invalid Request Required field is not sent",
  "statusCode": "410"
}
```

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

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/updateClient HTTP/1.1
Authorization: Basic a12b34567c89012def34g56789hi0j12
{
  "primaryPrivateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3",
  "privateKey": "XuKu47eCxnHuX6ETJXWADANDi1y3"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Invalid Request Can not delete primary key. First make other key as primary.",
  "statusCode": "410"
}
```

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
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": "MP1ik7o5VwfknQ1n68aC2hg81odr",
        "apiSecret": "dgpPYDss2qvJiIj2ZzKUE3wXRVYT",
        "isPrimary": false,
        "createdDate": "2019-12-16T20:29:28.881Z",
        "updatedAt": "2019-12-16T20:29:28.881Z"
      },
      {
        "privateKey": "XuKu47eCxnhuX6ETJXWADANDi1y3",
        "apiSecret": "Sm0Z71lEM6VV4cht1a3E0GqHTE7s",
        "keyName": "Key New Names",
        "isPrimary": true,
        "createdDate": "2019-12-16T17:00:12.352Z",
        "updatedAt": "2019-12-16T19:46:40.569Z"
      }
    ]
  }
}
```

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 /portOutPinUpdate](#)
- [POST /tnDisconnect](#)
- [POST /tnE911](#)
- [POST /tnE911Validate](#)
- [POST /tnE911Notification](#)
- [POST /tnE911NotificationList](#)
- [POST /tnMessaging](#)
- [POST /tnRequest](#)

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. Maximum acceptable value: 50 (miles)	No
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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnMask": "xxxxxx410x",
  "searchOnNetOnly": "N",
  "lata": "486",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 2,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJROGcz
bUZZcGlxUQAAAAAARgsFLYzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM2lUXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXCAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

Example Request2:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "searchOnNetOnly": "N",
  "lata": "486",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 2,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXCaaaaaaaAw7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

Example Request3:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnWildcard": "201335YZ*",
  "pageSort": {
    "property": "state",
    "direction": "asc",
    "page": 1,
    "size": 10000,
    "searchId":
"DnF1ZXJ5VAABYdYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXCaaaaaaaAw7HhZBQXZia0ZTbFNSNnY3cU1"
  }
}
```

Example Request4:

```
POST https://services.inteliquent.com/Services/1.0.0/tnInventory HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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":
"DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJROGcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAAThM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
d2o5SXcAAAAAAAW7HhZBQXZia0ZTbFNSNnY3cU1"
}

```

Reserve Telephone Numbers

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.

POST /tnReserve

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

Example Request1 - 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": 5
  }
}
```

Example Request 2- Limit Exceeded

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

Example Request 1 – Success

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "kI0T5YmicfgD9lahFWZnTC4iBBAA",
  "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

Example Request 1 - Success

```
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

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

Example Request:

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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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. 8156680000)	Yes
trunkGroup	Desired trunk group 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 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***
origPostalCode PlusFour	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

**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,
          "trunkGroup": "CHCGIL24CL1_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",
    "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
privateKey	API key required to validate your application	Yes

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: <table><tr><th>Value</th><th>Description</th></tr><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></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								
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								
callingNameContains	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								
directoryListingContains	Search for specific string contained in any directory listing field	No								
directoryListing	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								

Parameter	Description	Required
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
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
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

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tnSearchList": {
    "tnSearchItem": [ {
      "tnMask": "xxxxxxxxxx",
      "rateCenter": "BAYONNE",
      "activateStartDateRange": "2017-03-29T14:00:46.000Z",
      "activateEndDateRange": "2017-03-29T14:00:46.000Z"
    } ]
  },
  "pageSort": {
    "size": 1,
    "page": 1
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "statusCode": "200",
  "status": "Success",
  "tnList": { "tnItem": [ {
    "tn": 2012151499,
    "trunkGroup": "ATLNGAQS08T_266",
    "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"
  } ] },
  "page": "1",
  "totalPages": "1",
  "totalItems": "1",
  "searchId":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0wVjNESnZxZlJSNjJR0Gcz
  bUZZcGlxUQAAAAAARgSF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
  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

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrder03",
  "tnList": {
    "tnItem": [
      {
        "tn": 3123489653,
        "trunkGroup": "CHCGIL24CL1_897"
      }
    ]
  }
}
```

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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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.

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	No

script is being removed then the direction must be specified.

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 408: Private Key cannot be blank. 409: Invalid TN submitted: 410: Private Key is not valid. 414: Fields are Required: 415: Domain cannot be specified more than once 416: Invalid Input Parameters: 417: No voice scripts found for requested data. 421: Too Many TNs specified in the request 422: Script is too large. Max limit is 42,000 characters 461: <Error as returned by Voice Platform> 462: An Unknown error has occurred 500: Internal Error	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
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
statusCode	Possible Values: 200: Success 408: Private Key cannot be blank. 409: Invalid TN submitted: 410: Private Key is not valid. 414: Fields are Required: 415: Domain cannot be specified more than once 416: Invalid Input Parameters: 417: No voice scripts found for requested data. 421: Too Many TNs specified in the request 422: Script is too large. Max limit is 42,000 characters 461: <Error as returned from Voice Platform> 462: An Unknown error has occurred 500: Internal Error	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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

Example Request:

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

Example Request:

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

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnDisconnect HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "TestOrder05",
  "tnList": {
    "tnItem": [
      { "tn": 3123489654 },
      { "tn": 3123489655 }
    ]
  }
}
```

Example Response:

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

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
privateKey	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
statusCode	Possible Values: 200: Success 408: Private Key cannot be blank.	String

	409: Invalid TN submitted:	
	410: Private Key is not valid.	
	414: Fields are Required:	
	421: Too Many TNs specified in the request	
	430: No Results Found	
	432: TN is not in service	
	462: An Unknown error has occurred	
	500: Internal Error	
status	Indicates whether the API call was successful or failure	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
privateKey	API key required to validate your application; can be retrieved from portal production and sandbox	Yes
tfForward	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 tollfree 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
statusCode	Possible Values: 200: Success 408: Private Key cannot be blank. 409: Invalid TN submitted: 410: Private Key is not valid. 414: Fields are Required: 421: Too Many TNs specified in the request 430: No Results Found 432: TN is not in service 462: An Unknown error has occurred 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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	Possible Values: 200: Success 430: No Results Found 462: An Unknown error has occurred 500: Internal Error	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	Possible Values: 200: Success 430: No Results Found 462: An Unknown error has occurred 500: Internal Error	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"
    }
  ]
}
```

List of Messaging Campaigns

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	Possible Values: 200: Success 408: Private Key cannot be blank 410: Private Key is not valid 430: No records found 462: An Unknown error has occurred 500: Internal Error	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 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"
      },
      {
        "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"
      }
    ]
  }
}
```

Example Response if no campaigns are found:

```
HTTP/1.1 200 OK
{
  "status": "No Result Found",
  "statusCode": "430"
}
```

Assigning 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
messageCampaignId	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	Possible Values: 200: Success 408: Private Key cannot be blank 409: Invalid TN submitted: 410: Private Key is not valid 414: Fields are Required: 425: Partial Success 432: TN Excluded 462: An Unknown error has occurred 500: Internal Error	String
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": {
              "tnCampaign": "CLLOE4H",
              "removeTnCampaign": "Y"
            }
          }
        },
        {
          "tn": "6142959262",
          "tnFeature": {
            "messaging": {
              "tnCampaign": "CLLOE4H",
              "removeTnCampaign": "Y"
            }
          }
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 14753748
}
```

Retrieve TNs with campaigns

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	Possible Values: 200: Success 408: Private Key cannot be blank. 410: Private Key is not valid. 430: No records found 462: An Unknown error has occurred 500: Internal Error	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"
}
```

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
postalCode PlusFour	E911 address zip code plus four	No
removeE911	To remove E911	No*

P.S. 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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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
statusCode	Possible Values: 200: Success 460: Unable to add more notification emails 461: TN Not found for the account 462: Other Errors Noted	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 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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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	Possible Values: 200: Success 461: TN Not found for the account 462: Other Errors Noted	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 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 – Retrieve TN Notification Settings:

```
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": "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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 customer, then pass this flag with a value of "Y" along with the email address list.	No

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 460: Unable to add more notification emails 462: Other Errors Noted	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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",  
  "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	Possible Values: 200: Success 461: TN Not found for the account 462: Other Errors Noted	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": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
}
```

Example Response:

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

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*

P.S. 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
quantity	Number of TNs to be requested	Yes
activate	Enter Y or N to activate numbers or not	No

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "abcsdsd88246",
  "state": "IL",
  "lata": "550",
  "rateCenter": "WSHNGTNZN1",
  "npa": "312",
  "nxx": "348",
  "quantity": 10,
  "trunkGroup": "Main Trunk Group",
  "activate": "Y"
}
```

Example Response:

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

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 /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](#)

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
statusCode	Possible Values: 200: Success 414: Private Key cannot be blank. 500: Internal Error	String
status	Indicates whether the API call was successful or failure	String
countryList	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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 500: Internal Error	String
status	Indicates whether the API call was successful or failure	String
areaCodeList	List containing Area Codes for the country queried.	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 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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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": "Abcd1FghIjK2314mno5pqrX6yzab",
  "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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 430: No records found 500: Internal Error	String
status	Indicates whether the API call was successful or failure	String

intlExcludedTnList	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 nodes 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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 430: No records found 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 430: No records found 500: Internal Error	String
status	Indicates whether the API call was successful or failure	String
numberTypeList	List of number types	Array
numberType	String form of the supported number type	String
numberTypeRef	Reference that is used while making other API calls where number type is a field in the request.	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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 430: Order not found 500: Internal Error	String

status	Indicates whether the API call was successful or failure	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: 111111111\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
statusCode	Possible Values:	String

	200: Success	
	414: Fields Are Required:<name OfField>	
	430: Order not found	
	500: Internal Error	
status	Indicates whether the API call was successful or failure	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:
111111111\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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 430: Order not found 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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":"Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId":1521833,
  "document":{
    "fileName":"name sample.jpg",
    "mimeType":"image/jpeg",

    "fileContent":"/9j/4AAQSkZJRgABAQEASABIAAD/4QmMRXhpZgAATU0AKgAAAABwEQAIAADAAAAAYgESAAMAAAA
    BAAEAAAEAAIAAAARAAABIAodpAAQAAAABAAABNJybAAEAAAEIAAADgJyeAAEAAAN+AAAEiJyfAAEAAAF+AAAIbGAAAAAQY
    XNzcG9ydC4gU2FtcGx1IGRhdGEgcGVyc29uYWwgGFnZSwgZmVtYWx1IGludGVybmF0aW9uYWwgGFnZc3BvcnQgd2l0aCB
    waG90by4gSWRlbnRpdHkgYmlvbWV0cm1jIGNvbnRyb2wgZG9jdW11bnQsIHZlY3Rvcib0ZW1wbGF0ZS4gSWxsdXN0cmF0a
    W9uIGRvYy"
  }
}
```

Example Response:

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

Cancel Order

POST /intlOrderCancel

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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name OfField> 430: Order not found 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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 /int1OrderDocumentDownload

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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again 500: Internal Error	String
status	Indicates whether the API call was successful or failure	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
    AIABwAGEAdABoAdoACQBoAHQAdABwAdoALwAvAGkAdABjAGgAaQBsADEAMQAYAdoAQQA5ADkAQQAvaFMAZQBvAHYAaQBjA
    GUAcwBBAFAASQAvAHIAZQBzAHQALwBzAGUAcgB2AGkAYwB1AHMALwB2ADIALwBvAHIAZAB1AHIAQQBkAGQARABvAGMAdQB
    tAGUAbgB0AA0ACgBQAHIAbwB4AHkAQgAJAAkACQA8AG4AbwBuAGUAPgANAAoAUgB1AHEAdQB1AHMAdAAgAHAAyQByAGEAb
    QBzAdoACQA8AG4AbwBuAGUAPgANAAoAUQB1AGUAcgB5ACAAcABhAHIAyQBtAHMA0gAJADwAbgBvAG4AZQA+AA0ACgBGA8
    AcgBtACAACABhAHIAyQBtAHMA0gAJADwAbgBvAG4AZQA+AA0ACgBQAGEAdABoACAACABhAHIAyQBtAHMA0gAJADwAbgBvA
    G4AZQA+AA0ACgBNAHUAbAB0AGkAcABhAHIAAdABzAdoACQAJADwAbgBvAG4AZQA+AA0ACgB1AGUAYQBkAGUAcgBzAdoACQA
    JAEEdQB0AGgABwByAGkAegBhAHQAaQBvAG4APQBCAGUAYQByAGUAcgAG4AdQBzAGwADQAKAAkACQAJAAkAQQBjAGMAZ
    QBwAHQAPQAqAC8AKgANAAoACQAJAAkACQBDAG8ABgB0AGUAbgB0AC0AVAB5AHAAZQA9AGEAcABwAGwAaQBjAGEAdABpAG8
    AbgAvAGoAcwBvAG4A0wAGAGMAaABhAHIAcwb1AHQAPQBVAFQARgAtAdgADQAKAEMAbwBvAGsAaQB1AHMA0gAJAAkASgBTA
    EUAUwBTAETATwBOAEKARAA9ADIANAA2AdcAMwBiAGUANQATAGMAZQB1ADEALQA0ADEANQA2AC0AQOBiADUANwAtADAANwA
    yADUAZAA0ADIANwA2AGIAZQA4AA0ACgBCAG8AZAB5AdoADQAKAHsADQAKACAAIAAgACAAIgBwAHIAaQB2AGEAdAB1AEsAZ
    QB5ACIAOgAgACIAWAB1AEsAdQA0ADcAZQBDAHgAbgBoAHUAWAA2AEUAVABKAFgAVVwBBAEQAQQB0AEQAaQAxAHkAMwAiAcw
    ADQAKACAAIAAgACAAIgBvAHIAZAB1AHIAStQBkACIAOgAgACIAMQA0ADkAQQA0AwADEAOAAiAcwADQAKACAAIAAgACAAIgBjA
    HUAcwB0AG8AbQB1AHIAATwByAGQAZQBvAFIAZQBmAGUAcgB1AG4AYwB1ACIAOgAgAG4AdQBzAGwALAANAa0AIAAgACAAIAA
    iAGQAbwBjAHUAbQB1AG4AdABOAGEAbQB1ACIAOgAgACIASABhAHAACAB5AEwAaQB0AHQAbAB1AEYAaQBsAGUALgB0AHgAd
    AAiAcwADQAKACAAIAAgACAAIgBkAG8AYwB1AG0AZQBwAHQARAB1AHMAYwByAGkAcAB0AGkAbwBuACIAOgAgACIASABhAHA
    AcAB5ACAAbABpAHQAdABsAGUAIABkAGUAcwBjAHIAaQBwAHQAaQBvAG4AIgAsAA0ACgAgACAAIAAgACIAZgBpAGwAZQBDA
    G8AbgB0AGUAbgB0ACIAOgAgACIAUwBHAEYAdwBjAEgAawBnAFQARwBsADAAZABHAHAgABABJAEUAWgBwAGIARwBVAE4AQwB
    nADAASwBRADMASgBsAFkAWABSAGwAwgBDAEIIaQB1AFMAQgBTAFoAWABOADAASQBFAYEUQBTAfMAQgBvAFoAWABOADAAS
    QBGAELIaABZADIAAdABoAFoAMgBVAHUARABRAG8APQAiAA0ACgB9AA0ACgBIAFQAVABQAC8AMQAUADEAIAaYADAAMAANAaO
    AWAAtAEMAAbwBuAHQAZQBwAHQALQBUAHkAcAB1AC0ATwBwAHQAaQBvAG4AcwA6ACAAbgBvAHMABgBpAGYAZgANAAoAWAAtA
    FgAUwBTAC0AUABYAG8AdAB1AGMAdABpAG8AbgA6ACAAMQA7ACAABQBvAGQAZQA9AGIAbABvAGMAawANAAoAQwBhAGMAaAB
    lAC0AQwBvAG4AdABYAG8AbAA6ACAAbgBvAC0AYwBhAGMAaAB1ACwAIABUAG8ALQBzAHQAbwByAGUALAAG0AYQB4AC0AY
    QBnAGUAPQAQAwACwAIABtAHUAcwB0AC0AcgB1AHYAYQBzAGkAZABhAHQAZQANAa0AUABYAGEAZwBtAGEA0gAGAG4AbwAtAGM
    AYQBjAGgAZQANAa0ARQB4AHAAaQBvAGUAcwA6ACAAMAANAa0AWAAtAEYAcgBhAG0AZQAtAE8ACAB0AGkAbwBuAHMA0gAgA
    EQARQBOAFkADQAKAEMAbwBuAHQAZQBwAHQALQBUAHkAcAB1ADoAIABhAHAACABsAGkAYwBhAHQAaQBvAG4ALwBqAHMABwB
    uAA0ACgBDAG8AbgB0AGUAbgB0AC0ATAB1AG4AZwB0AGgA0gAgADYAMQANAa0ARABhAHQAZQA6ACAABVAB1AGUALAAGADIAM
    QAgAEoAYQBwACAAmAgAwADIAMAAGADEANQA6ADQANAAGADAAMwAgAEcATQBUA0ACgB7AA0ACgAgACAAIAAgACIAcwb0AGE
    AdAB1AHMAIga6ACAAIgBTAHUAYwBjAGUAcwBzACIALAANAa0AIAAgACAAIAAIAHMAAdABhAHQAdQBzAEMAAbwBkAGUAIga6A
    CAAIgaYADAAMAaIAcWADQAKACAAIAAgACAAIgBkAG8AYwB1AG0AZQBwAHQASQBkACIAOgAgACIAMwA0ADIAMA2ADEAIIga
    NAAoAfQANAa0AUgB1AHMAcABvAG4AcwB1ACAAUwB0AGEAdAB1AHMAIABDAG8AZAB1ACAA0gAgADIAMAawAA0ACgBSAGUAQ
    wBwAG8AbgBzAGUAIABTAgUAcwBzAGkAbwBuACAAASQBEACAA0gAgAG4AdQBzAGwADQAKAFIAZQBzAHAAAbwBuAHMAZQAAGfQ
    AaQBtAGUAIABNAGkABsAGkAcwB1AGMABwBuAGQAcwAGDoAIAAxADAAMQA="
  }
}
```

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

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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"
        },
        {
          "tn": "442015540011"
        }
      ]
    }
  }
}
```

```
{
  {
    "tn": "442015540012"
  },
  {
    "tn": "442015540013"
  },
  {
    "tn": "442015540300"
  }
]
}
```

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><tr><th>Value</th><th>Description</th></tr><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></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><tr><th>Value</th><th>Description</th></tr><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></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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field>	String

	431: Unable to complete the request at the moment, please try again	
status	Indicates whether the API call was successful or failure	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": "Abcd1FghIjk23l4mno5pqrX6yzab",
  "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
tn	Ten-digit telephone number (e.g. 443256680000)	Yes
routingOption	Desired routing option to assign number	No
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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field>	String

	431: Unable to complete the request at the moment, please try again	
status	Indicates whether the API call was successful or failure	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",
        "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><tr><th>Value</th><th>Description</th></tr><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></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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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><tr><th>Value</th><th>Description</th></tr><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></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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 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	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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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
numberType	Type of Telephone number	Yes
documents	Contains list of documents per TN	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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 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	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": "VquwoVKHEBifYoPCp6oT4IpJExla",
  "orderId": 1521263,
  "tnList": {
    "tnItem": [
      {
        "tn": "33970635012",
        "countryRef": "FRA",
        "numberType": "Inbound DID",
        "documents": [
          {
            "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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	String
intlTnDocumentDownloadResponse	Document Download Response	Object
document	Contains document	Object
filename	Name of uploaded document	String

contentType	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
numberType	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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnEndUser HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portalUserId": 9000001,
  "orderId": 1521695,
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242407",
        "countryRef": "GBR",
        "numberType": "Inbound DID",
        "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	No
city	Name of city to search for numbers	No
quantity	Quantity of TNs to be retrieved	Yes

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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
numberType	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",
  "numberType": "Inbound DID",
  "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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnNoteUpdate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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
tn	Telephone number (e.g. 443256680000)	Yes
routingOption	Desired routing option to assign number	No

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	String
orderId	Order Id	Integer
tnList	Order Response	Object
tnItem	Ordered number list	List
tn	Telephone number (e.g. 443256680000)	String
vendorId	Unique Identifier Number	String
countryCode	Country Code (e.g. FR)	String
numberType	Number Type	String
prefix	Country + Area Code (e.g. 4432)	String
termination		Object
routingDistributionType		String
routingOptionList		List

source		String
origin		String
originDescription		String
sortOrder		Integer
routingOption		String
ringTime		Integer
fromUTC		String
id		Integer
endUserData	User details	List
label	User info label (e.g. Company Name)	String
value	Value for mentioned label (e.g. IBM)	String
mandatory	Required flag for label	Boolean
applicationType	Application type	String
fromUTC		String
enabled	Telephone number enabled flag	Boolean
forcedCodec		String
routingOptionProfile	Routing Option name	String
inService	Telephone number	Boolean
serviceReason		String
reference	Order Id	String
earliestCancelDateUTC	Earliest Cancel Date in UTC	String
cancelBeforeDateUTC	Cancel Date in UTC	String
initialContractDuration	Contract Durarion	String
initialNoticePeriod	Notice Period	String
renewalContractDuration	Renewal Contract Duration	String
renewalNoticePeriod	Renewal Notice Period	String

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",
          "tn": "442045242409"
        }
      ]
    }
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderId": 12346987,
  "excludedTnList": {
    "excludedTnItem": []
  },
  "tnList": {
    "tnItem": [
      {
        "tn": "442045242409",
        "vendorId": "123468",
        "countryCode": "GB",
        "numberType": "DID",
        "prefix": "4420",
        "termination": {
          "routingDistributionType": "FailOver",
          "routingOptionList": [
            {
              "source": "SetByDefaultProfile",
              "origin": "Fixed",
              "originDescription": "Default",
              "sortOrder": 0,
              "routingOption": "+442049852409@test",
              "ringTime": 90,
              "fromUTC": "2020-12-10T20:38:52.2970000",
              "id": 1131459
            }
          ]
        }
      ]
    },
    "endUserData": [],
    "applicationType": "CallForward",
    "fromUTC": "2020-12-10T20:38:00.0000000",
    "enabled": true,
    "forcedCodec": "Unspecified",
  }
}
```

```

    "routingOptionProfile": "Test Profile",
    "inService": true,
    "serviceReason": "ACTIVE",
    "reference": "1521743",
    "earliestCancelDateUTC": "2021-12-10T20:38:00.0000000",
    "cancelBeforeDateUTC": "2021-11-10T20:38:00.0000000",
    "initialContractDuration": "1 year",
    "initialNoticePeriod": "1 month",
    "renewalContractDuration": "1 year",
    "renewalNoticePeriod": "1 month"
  }
]
}
}

```

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
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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
numberType	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

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlOrderDetail HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK2314mno5pqrX6yzab",
  "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",
          "numberType": "Inbound DID",
          "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"
  }
]
}
}
```

Request Telephone Numbers

POST /intlTnRequest

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

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	String

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/intlTnRequest HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "customerOrderReference": "test request order",
  "quantity": 10,
  "routingOption": "Cleveland",
  "countryRef": "GBR",
  "desiredDueDate": "2020-10-01T00:00:00.000Z"
}
```

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

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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": "Abcd1FghIjK23l4mno5pqrX6yzab"
}
```

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
numberType	Number Type	Yes
routingOption	Routing Option	Yes
countryRef	Country Code ISO3 (e.g. GBR)	Yes

Response:

Parameter	Description	Type
statusCode	Possible Values: 200: Success 414: Fields Are Required:<name Of Field> 431: Unable to complete the request at the moment, please try again	String
status	Indicates whether the API call was successful or failure	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",
        "numberType": "Inbound DID",
        "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
statusCode	Possible Values:	String

	200: Success	
	414: Fields Are Required:<name Of Field>	
	431: Unable to complete the request at the moment, please try again	
status	Indicates whether the API call was successful or failure	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"
}
```

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

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/portInAvailability HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "returnServiceProviderName": true,
  "wireless": "Y",
  "tnList": {
    "tnItem": [
      {"tn": 3348789203 }
    ]
  }
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "serviceAvailable": [
    {
      "telephoneNumber": "3129578428",
      "isPortable": true,
      "serviceProviderName": "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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	Request customer-triggered port activation for on-net numbers (200 or fewer per losing carrier); 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*
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

location Type2	End user address location type 2 (e.g. Flr, Ste)	No
location Value2	End user address location value 2 (e.g. 1, 900)	No
location Type3	End user address location type 3 (e.g. Flr, Ste)	No
location Value3	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
directory Listing	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
streetPre Dir	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
streetPost Dir	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
origStreet Num	E911 address street number (e.g. 100, 550)	No
origStreet Info	E911 address street information (e.g. W Adams St)	No
orig Location	E911 address location (e.g. Suite 900)	No
origCity	E911 address city	No
origState	E911 address state	No
origPostal Code	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

P.S. “trunkGroup” 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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "portInOrder": {
    "customerOrderReference": "TestOrder06",
    "desiredDueDate": "2015-12-15",
    "tnList": {
      "tnItem": [ {
        "tn": 3059891246,
        "trunkGroup": "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.

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*

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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}]}
    },
    {
      "tnGroup": "Group ID 93454 - Astound Broadband LLC: 485E - NSR",
      "focDt": "2017-09-27 00:00:00.0",
      "tnList": {"tnItem": [{"tn": 5308856332}]}
    },
    {
      "tnGroup": "Group ID 93456 - BellSouth/1",
      "focDt": "2017-09-27 00:00:00.0",
      "tnList": {"tnItem": [{"tn": 2057552511}]}
    },
    {
      "tnGroup": "Group ID 93457 - BellSouth/1",
      "focDt": "2017-09-27 00:00:00.0",
      "tnList": {"tnItem": [{"tn": 2516530680}, {"tn": 2516530681}]}
    }
  ]
}
```

```
]
}
```

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

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

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"
    },
    {
      "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"
    }
  ]
}
```

}

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><tr><th>Value</th><th>Description</th></tr><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></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. 2015-12-20)	No												
createdDateEndRange	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												

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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.

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

* 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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "tn": "222222222"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "tnCsrLookupResponse": {
    "tn": "222222222",
    "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](#)

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

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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	Yes
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

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

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

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": [
        {
          "resporId": "ABC45",
          "tn": 8881235544,
          "routingLabel": "NTNYC-690-8XX-123",
          "cicList": {
            "cic": [ "0913", "0222", "0432" ]
          },
          "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.

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: <table><tr><th>Value</th><th>Description</th></tr><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></table>	Value	Description	INSVC	In Service	PNDNG	Pending	PDISC	Pending Disconnect	No
Value	Description									
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								
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
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/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",
    "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":
"DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAAArgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhk
d2o5SXCaaaaaaaAw7HhZBQXZia0ZTbFNSNnY3cU1"
}
```

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
routingLabel	New routing option to assign the toll free number; use the routingLabelSearchAssigned and routingLabelDetail operations to view your toll free routing options	Yes

Example Request:

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

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

Example Request:

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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

Example Request:

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

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

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

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": ""
    }
  ]}
}
```

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 /routingLabelSearchAssigned](#)
- [POST /routingLabelDetail](#)
- [POST /routingLabelUpdate](#)
- [POST /trunkGroupUtilization](#)
- [POST /messageDetailSearch](#)
- [POST /e911CallSearch](#)

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

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

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

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

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

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

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": [
    "AGSTGAMTSY",
    "AHVLNCOHX9Z",
    "ALBQNMMA4Y",
    "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
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
sessionCount	Session Count	Yes
sessionCountForecast	Session Count Forecast	No
forecastBeginDate	Forecast Begin Date	No
forecastEndDate	Forecast End Date	No
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
codecList	Codec List	No
codecItem	Codec Information	No
dtmfRelay	DTFN Relay Information	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**

** Conditionally required depends on other parameters.

Notes:

- 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 “dtmfRelay” values can be retrieved using /dtmfRelayList API.

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/trunkGroupOrder HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "trunkGroupOrder": {
    "customerSwitchDescription": "N/A",
    "inteliquentSwitchLocation": "Chicago IL",
    "customerOrderReference": "9262NewABCDE",
    "customerLocation": "",
    "customerTrunkGroupNumber": "",
    "sessionCount": 100,
    "sessionCountForecast": "",
    "forecastBeginDate": "",
    "forecastEndDate": "",
    "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": [
        {
          "dtmfRelay": ""
        }
      ]
    },
    "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 *Currently in Beta for internal use only.*

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

** 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. *Currently in Beta for internal use only.*

Value	Description	Required
privateKey	API key required to validate your application	Yes
orderId	Existing order number	No*

*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": "Invalid 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

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",
  "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"
}
```

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

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

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

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

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
{
  "status": "Success",
  "statusCode": "200",
  "trunkGroupUtilList": {"trunkGroupUtilItem": [
    {
      "trunkGroupDate": "2017-12-01 00:00",
      "inCalls": 0,
      "outCalls": 673,
      "capacity": 1300
    },
    {
      "trunkGroupDate": "2017-12-01 00:10",
      "inCalls": 0,
      "outCalls": 643,
      "capacity": 1300
    },
    {
      "trunkGroupDate": "2017-12-01 00:20",
      "inCalls": 0,
      "outCalls": 655,
      "capacity": 1300
    },
    {
      "trunkGroupDate": "2017-12-01 00:30",
      "inCalls": 0,
      "outCalls": 686,

```

```

    "capacity": 1300
  }
] }
}

```

*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

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

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/e911CallSearchHTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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
  }
}
```

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=z9hG4bKpmrq0e1068s5ufa8rkk0.1",
  "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"
}
```

Order

The following API calls allow you to view and manage your existing orders with Inteliquent:

- [POST /orderList](#)
- [POST /orderDetail](#)
- [POST /excludedTnList](#)
- [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><tr><th>Value</th><th>Description</th></tr><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></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																					
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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><tr><th>Value</th><th>Description</th></tr><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></table>	Value	Description	NEW	New number order (inventory, load, or port-in)	DISCO	Disconnect number 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
	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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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*

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "orderId": 1054832,
  "customerOrderReference": "TestOrder"
}
```

Example Response:

```
HTTP/1.1 200 OK
{
  "status": "Success",
  "statusCode": "200",
  "orderDetailResponse": {
    "tnList": { "tnItem": [
      {
        "tn": 7735162004,
        "trunkGroup": "CHCGIL24CL1_897",
        "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*

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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 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*

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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*

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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 Residence	No***

*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
cancelFeatureRequest	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 PlusFour	E911 address zip code plus four	No
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

Example Request:

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

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

*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,
  "orderNote": "Note text to be added to the order"
}
```

```
"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*

*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

*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": "Abcd1FghIjK2314mno5pqrX6yzab",
  "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*

*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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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	Possible Values: 200: Success 408: Missing Private Key 414: Fields Required are missing 431: Unable to complete the request at the moment, please try again. 410: Invalid Order Id	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
statusCode	Possible Values: 200: Success 432: User Error	String
status	Indicates the actual error that occurred.	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"
}
```

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><tr><th>Value</th><th>Description</th></tr><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>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><tr><td>PDD</td><td>Post-dial delay</td></tr><tr><td>WRONGNUM</td><td>Reaching wrong number</td></tr><tr><td>RECORDING</td><td>Recording</td></tr><tr><td>RMTHNDS</td><td>Remote hands request</td></tr></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	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	PDD	Post-dial delay	WRONGNUM	Reaching wrong number	RECORDING	Recording	RMTHNDS	Remote hands request	
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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																																										

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/ticketCreate HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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
troubleTicket Status	Trouble ticket status; acceptable values include Open, Referred Out, 24-Hour Monitor, Resolved, Ready for Closure, and Closed	No
troubleTicket StatusExclude	Enter y to exclude value entered into the troubleTicketStatus parameter from the results list	No

Example Request:

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

Example Request:

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

Example Request:

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

Example Request:

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

Example Request:

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

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"
  } ]
}
```

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 /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	No

send valid searchId value. You will be able to use this parameter, only if you are receiving it in response

Retrieve CNAM Dip Setting on All Numbers (cont'd)

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/tnFeatureCnamDip HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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":
  "DnF1ZXJ5VAABYdYFk5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACuCWVjNESnZxZlJSNjJR0Gcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGN0BQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqRlhK
  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

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":
  "DnF1ZXJ5VAABYdYFk5ZGwXBpcVEAAACYTOWFiMGdiR1EweV92X2FYs3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJROGcz
  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

Example Request:

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

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. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	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

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":
"DnF1ZXJ5VAABydYFk5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNobQAAAAAThmM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
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	No

send valid searchId value. You will be able to use this parameter, only if you are receiving it in response

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":
  "DnF1ZXJ5VAABydYfK5ZGWXBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACu0WVjNESnZxZlJSNjJR0Gcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGN0BQAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
  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

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)	Yes
streetInfo	E911 address street information (e.g. W Adams St)	Yes
city	E911 address city	Yes
state	E911 address state	Yes
postalCode	E911 address zip code	Yes

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"
}
```

Example Response:

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

Example Request (In Valid):

```
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": {
    "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"
      }
    ]
  }
}
```

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

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

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

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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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
origPostalCode PlusFour	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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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><tr><th>Value</th><th>Description</th></tr><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></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 values are Y or 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								

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":
  "DnF1ZXJ5VAABYdYfK5ZGWBpcVEAAACYTOWFiMGdiR1EweV92X2FYS3R1U1NnAAAAAACuC0WVjNESnZxZlJSNjJR0Gcz
  bUZZcGlxUQAAAAAARgsF1YzREp2cWZSUjYyUGhlbkZldGNoBQAAAAAThnM21UXpjRzY1BvAAOKuBYxaE5RVHN5U1pqR1hK
  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
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. 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": "Abcd1FghIjK2314mno5pqrX6yzab",
  "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. 312xxxxxxx, xxx4xxxxx1, xxxxxxxxxx)	Yes								
tnStatus	Telephone number status; acceptable values include: <table><tr><th>Value</th><th>Description</th></tr><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></table>	Value	Description	INSVC	In Service	PNDNG	Pending	PDISC	Pending Disconnect	No
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": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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

Example Request:

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

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",
"webhookHeader": "ABC123def456",
"authorizeWebhookPortout": "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*
webhookUrl	URL where Inteliquent webhook callbacks will be posted; refer to the Webhooks section for detail	No**
webhookHeader	Authorization header value to be sent with webhook body for authentication by your application	No**
authorizeWebhookPortout	Setting to enable port-out authorization and rejection via Inteliquent webhook; 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**

*Required when a null value is returned in accountDefaultDetail

**Will be overwritten to null if not sent

***Required when webhookUrl is present

Example Request:

```
POST https://services.inteliquent.com/Services/1.0.0/accountDefault HTTP/1.1
Authorization: Bearer a12b34567c89012def34g56789hi0j12
{
  "privateKey": "Abcd1FghIjK23l4mno5pqrX6yzab",
  "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",
    "webhookHeader": "ABC123def456",
    "authorizeWebhookPortout": "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": "7/31/2017 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": "7/31/2017 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": "7/31/2017 4:56:06.000000 AM -05:00"
}
```

```
}

```

- 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": "7/31/2017 4:56:06.000000 AM -05:00"
}
```

Port-In Number Status Update

- 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": "7/31/2017 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"
      }
    }]
  }
}
```

- 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": "7/31/2017 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": "Activated",
  "message": "Group ID 520372 - XO Communications MA:4536 - NSR//Port Complete",
  "timestamp": "7/31/2017 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 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": "7/31/2017 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:

- PIN
- End User
- Address Invalid
- Auth Name

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": "7/31/2017 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 mediaUrls is not sent	No
mediaUrls	MMS file content location; message will be sent as MMS if this value is sent	No
referenceId	Optional reference identifier; will be automatically generated if not sent	No

Example Request:

```
POST https://messagebroker.inteliquent.com/msgbroker/rest/publishMessages HTTP/1.1
Authorization: Bearer BfRNyiOgcYjI5UPgC2ZR5grsj2XyW5DD
{
  "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]"
  ]
}
```

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": "845477374",
        "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 header.	No
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 or more sets 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)
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	32	
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 "accountDefaultDetail" 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 Porting API
2. Added Message Campaign APIs