

## Reseller API Guide

### Introduction

The API for the iTest platform uses HTTPS calls to achieve all functionality and returns data using the XML V1.0 standard

To utilize the API you will need:

- An API Username / Password

No ID's are passed from the iTest platform back to the API user. All globally unique ID's are derived from the GUID used on your platform, combined with your API ID.

### API Access

Base URL: <https://api.i-test.net/>

Authentication (Required)

The username and password must be sent as a POST using the following format

API\_95718        = API User  
API\_84572        = API Password

### Company Administration

To create / update a company, add; '&t=4010' to the API request URL

Example URL: <https://api.i-test.net/?t=4010>

The following fields are required as URL options (GET requests)

'cid'                = Your local company ID (Used for identification your side)  
'name'              = Company name (For identification purposes on the iTest platform)  
'enable'            = The state of the company (0 = disable, 1 = enable)

This returns a status to say the company was created / updated successfully

```
<Company>
  <Administration>
    <Status>Success</Status>
  </Administration>
</Company>
```

Where 'Success' is the return state of the transaction

### User Administration

#### New / Update User

To create a new user or update an old user, add; '&t=4020' to the API request URL

Example URL: <https://api.i-test.net/?t=4020>

The following fields are required as URL options (GET requests)

'cid'                = Your local company ID (Used for identification your side) that the user belongs to  
'uid'                = Your local user ID (Used for identification your side)  
'firstname'        = The users first name  
'lastname'         = The users last name  
'email'             = The email of the user  
'role'              = The role of the user ('admin' = Company administrator, 'user' = Standard user)  
'state'             = The state of the user (0 = disable, 1 = enable)

The following fields are optional as URL options (POST requests)

'pass' = The password for the user

This returns a status to say the user was created / updated successfully

```
<User>
  <Administration>
    <Status>Success</Status>
  </Administration>
</User>
```

Where 'Success' is the return state of the transaction

#### Request One Time Password

To request a OTP for a user (so a URL can be used to authenticate a user) add; '&t=4024' to the API request URL

Example URL: <https://api.i-test.net/?t=4024>

The following fields are required as URL options (GET requests)

'uid' = Your local user ID (Used for identification your side)

This will return the user OTP as below

```
<User>
  <04811849>
    <OTP>4vd8swebrffdc9q3bc02bachasdhb38</OTP>
  </04811849>
</User>
```

Where '04811849' is your UID

Where '4vd8swebrffdc9q3bc02bachasdhb38' is the OTP to be used in authentication

#### Set One Time Password

To set a OTP for a user (so a URL can be used to authenticate a user) add; '&t=4025' to the API request URL

Example URL: <https://api.i-test.net/?t=4025>

The following fields are required as URL options (GET requests)

'uid' = Your local user ID (Used for identification your side)

The following fields are required as URL options (POST requests)

'otp' = The OTP (minimum 32 character random string to set)

This will return the status of the command as below

```
<User>
  <04811849>
    <Status>Success</Status>
  </04811849>
</User>
```

Where '04811849' is your UID

Where 'Success' is the return state of the transaction

## Profile Administration

To create a new / update an existing profile, add; '&t=5010' to the API request URL

Example URL: <https://api.i-test.net/?t=5010>

The following fields are required as URL options (GET requests)

'cid'	= Your local company ID (Used for identification your side)
'pid'	= Your local profile ID (Used for identification your side)
'name'	= The name to give this profile
'type'	= The type of profile ('std' = Voice, 'sms' = SMS)
'ip'	= The IP for of the SIP Gateway
'port'	= The Port of the SIP Gateway
'srcn'	= The Source number to use ('xxx' for random or number for specific number)
'call'	= The maximum call duration
'ring'	= The maximum ring duration

This returns a status to say the Profile creation / update was successfully

```
<Profile>
  <1947219>
    <Status>Success</Status>
  </1947219>
</Profile>
```

Where '1947219' is your profile ID

Where 'Success' is the return state of the transaction

## Supplier Administration

To create a new / update an existing supplier, add; '&t=5020' to the API request URL

Example URL: <https://api.i-test.net/?t=5020>

The following fields are required as URL options (GET requests)

'cid'	= Your local company ID (Used for identification your side) that the user belongs to
'sid'	= Your local supplier ID (Used for identification your side)
'name'	= The name to give this supplier
'type'	= The type of profile ('std' = Voice, 'sms' = SMS)
'codec'	= The default codec to use ('alaw' = G.729 Alaw, 'ulaw' = G.729 Ulaw, 729 = G.729)

The following fields are optional as URL options (GET requests)

'prefix'	= The prefix to apply to all dialed numbers using this supplier
'email'	= an email address for this supplier to make sharing tests quicker

This returns a status to say the Supplier creation / update was successfully

```
<Supplier>
  <1947219>
    <Status>Success</Status>
  </1947219>
</Supplier>
```

Where '1947219' is your supplier ID

Where 'Success' is the return state of the transaction

## Number DataBase Administration

### Import Numbers to NDB

To import numbers into the NDB, add; '&t=5110' to the API request URL

Example URL: <https://api.i-test.net/?t=5110>

The following fields are required as URL options (GET requests)

'cid' = Your local company ID (Used for identification your side)

The following are required as POST Files

'uploadfile' = A file containing one number per line

This returns a status to say the NDB upload was successfully

```
<NDB>
  <Number_Upload>
    <Status>Success</Status>
  </Number_Upload>
</NDB>
```

Where 'Success' is the return state of the transaction

### Set Breakout Permissions per Supplier

To import numbers into the NDB, add; '&t=5150' to the API request URL

Example URL: <https://api.i-test.net/?t=5150>

The following fields are required as URL options (GET requests)

'cid' = Your local company ID (Used for identification your side)

'sid' = Your local supplier ID

The following are required as POST Files

'uploadfile' = A file containing the list of breakouts in the following format

COUNTRY,BREAKOUT

Where 'COUNTRY' is the country name

Where 'BREAKOUT' is the name of the breakout

These must match those set against the users already uploaded breakouts from their NDB (please ask for more information about the naming standard)

This returns a status to say the NDB upload was successfully

```
<NDB>
  <Supplier_Permissions>
    <Status>Success</Status>
  </Supplier_Permissions>
</NDB>
```

Where 'Success' is the return state of the transaction