

***Predictive Dial Number Upload API***

*User Manual.*

V-1.0

**API End Point:**

<https://DOMAIN/request>

**Method:** uploadLeads

This method adds new phone numbers into a campaign. After saving new numbers the system will trigger calls to those numbers. The dialing time will depend on the settings of the campaign.

**Authentication:**

To make a request to the API you will be given a username and a private password. Authentication information need to be sent using request header. Custom header AuthHash is used to authenticate any request. Any valid request to the API should contain a username and a 10 digit requestTimestamp. There is no need to send the password with the request. To construct the AuthHash, combine username, password and 10 digit timestamp in the format **username:password:timestamp** and make hash of the combined string using md5.

**Example** Username: PDchaldal235

Password: GECD\_PLYsUJTd@83

Timestamp: 1600691045

Concatenate the Username Password & Timestamp with colons (:)

PDchaldal235*:* GECD\_PLYsUJTd@83*:1600691045*

And make a hash of this string using md5 method and you will get the AuthHash value something like;

9923aba303b2f7ae7461c9f1c1cbe007

**API Specification:**

APIs discussed under this section are RESTful APIs with a JSON payload where

applicable.

**Request Header:**

|  |  |
| --- | --- |
| **HTTP Method** | POST |
| **keyHash** | md5(username:password:timestamp) |
| **Content-Type** | application/json |

**Request Object (**POST**):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Value** | **Type** | **Required** | **Description** |
| requestType | uploadLeads | string | Yes | Api method name. |
| username | PDchaldal235 | string | Yes | Provided alphanumeric username value. |
| requestTimestamp | 10 digit timestamp | int | Yes | Current 10 digit timestamp. |
| leads | Json object | json | Yes | You can upload multiple leads per transaction. Maximum limit is 10. |

**Request Parameters: leads**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Type** | **Required** | **Description** |
| customerName | string | No | Name of contact person.  Maximum length 30 characters. |
| customerContactNo | string | Yes | Contact person phone number.  Maximum length 20 characters. Minimum length 11 characters. |
| skillId | string | Yes | Contact person skill id.  Length must be 2 characters. |
| Email | string | No | Contact person email address.  Maximum length 100 characters.  Must be valid email |

**Sample Request:**

|  |
| --- |
| curl -d '{"requestType":"uploadLeads", "username":"PDchaldal235", "requestTimestamp":"1600695180", "leads":[ { "customerContactNo":"01873365911", "skillId":"AH", "customerName":"Md. Ahsan Ullah", "customerEmail":"test@gmail.com"}, { "customerContactNo":"01900000073", "skillId":"AH", "customerName":"Md. Farid", "customerEmail":"test1@gmail.com" } ] }' -H "keyHash: 53d61d65c013cf9180c5011d05987610" -H "Content-Type: application/json" -X POST https://DOMAIN/request |

**Sample Response:**

**Success:**

|  |
| --- |
| {  "result":true,  "responseTimestamp":1600759415,  "resultCode":200,  "message":[  "Leads uploaded successfully!"  ]  } |

**Authentication failed (**wrong username, password or timestamp**):**

|  |
| --- |
| {  "result":false,  "responseTimestamp":1600759302,  "resultCode":401,  "message":[  "Authentication failed!"  ]  } |

**Invalid header request:**

|  |
| --- |
| {  "result":false,  "responseTimestamp":1600759243,  "resultCode":406,  "message":[  "Invalid header request!"  ]  } |

**Invalid request:**

|  |
| --- |
| {  "result":false,  "responseTimestamp":1600759555,  "resultCode":400,  "message":[  "Invalid request"  ]  } |

**Leads upload limit exceed:**

|  |
| --- |
| {  "result":false,  "responseTimestamp":1600759003,  "resultCode":413,  "message":[  "Leads upload limit exceed"  ]  } |

**Validation error:**

|  |
| --- |
| {  "result":false,  "responseTimestamp":1600759970,  "resultCode":400,  "message":[  "Customer Contact no 018733659\*\*\*\*\* is invalid",  "Skill id AH1223\*\*\* is invalid",  "Customer name \*\*\*\*\*\*\* \*\*\*\*\*\*\* \*\*\*\*\*\*\*\* is invalid",  "Customer email \*\*\*\*\*\*\*\*\*\*\*\*\*\*@example.com is invalid",  ]  } |