

VOICE CALL API DOCUMENTATION (Version 1.0)

API stands for Application Programming Integration which is widely used to integrate and enable interaction with other software, much in the same way as a user interface facilitates interaction between humans and computers. Our API codes can be easily integrated to any web or software application.

Our Robust & Stable HTTP API's is Compatible with all Programming Languages & Operating Systems. Easy to Integrate & Use.

API Version & Updated Details

Updated On : 31-March-2014
API Version : 2.0

General Usages of API's

- ✓ Integrating API with your web page enables you to make voice calls from your web pages.
- ✓ Integrating API with your Desktop application enables you to make calls from your Desktop Application
- ✓ Integrating API with your billing software enables you to make thanking calls to customers after their purchase.
- ✓ Integrating API with your payroll software enables you to send salary intimation to employees.
- ✓ Integrating API with your server enables you to send critical system warnings/errors to Server admin/client.

How API Works

The API works on GET and POST METHOD, and the URL to be used is http://your_domain/api/voice.php?

Note : Replace "your_domain" with your connecting site URL. For more details please refer the "API's & Downloads" section in your Web Control Panel.

Go To API & Downloads ->VOICE CALL HTTP API

For every successful execution of our API call, the system generates a 'Response' which you can save for tracking the operation.

For multiple requests, the system response will consist of unique numeric ids separated by comma (,)

Delimiter : We are using comma (,) as a delimiter to separate each record in a Response

UID & PIN

Our API works with Unique UID & PIN, which is not associated with your account username or password, even if you change your password of the voice call control panel API will work, if you need to generate new PIN, please login to your control panel and Generate New PIN.

The variables to be used

uid	Your Unique Identification
pin	API authentication PIN
number	Recipient 10 Digit Mobile Number without 0 or 91
voice	File ID of the voice/sound file uploaded by you
file	Absolute path of the file for uploading any voice/sound files.
route = "voicecall"	To fetch the voice call credits left in your account
callid	Unique call id given by our system to fetch the delivery/call report.
time = dd-mm-yyyy-24h-min (01-02-2011-16-38)	For scheduling the voice call.(Voice calls are not allowed to Schedule between 9:00 am- 9:00 pm IST).
format=csv	Format for getting Delivery Reports currently supports CSV
rdate = dd-mm-yyyy	To Fetch Daily Call Reports

API for Making Voice Calls

`http://your_domain/api/voice.php?uid=your unique id&pin=your pin&voice=FILE_ID&number=NUMBER1,NUMBER2,NUMBER3`

You can pass mobile/landline number as comma separated in the "number" field

If you want to call 3 numbers then pass the mobile/landline number as below
`number=9995xxxxxx, 8707xxxxxx,9020xxxxxx`

Sample Response

2234,2235,2235

You will get unique numeric id's "callid" as response to your API Call, which can be saved for tracking the voice call reports using voice call delivery report API

Each unique numeric id is separated by comma (,)

Limitation : You can pass only 50,000 numbers maximum in a Single API Call, if you need to increase the limit please contact us.

API for Scheduling Voice Calls

`http://your_domain/api/voice.php?uid=your_unique_id&pin=your_pin&voice=FILE_ID&number=NUMBER&time=dd-mm-yyyy-24h-min`

You can schedule voice calls by passing the time in the "time" field

Sample Time Format

`time=01-03-2014-16-38` [which will schedule the call on 01-03-2014 at 4.38 PM]

Limitations

You can schedule only 50,000 numbers maximum in a Single API Call, if you need to increase the limit please contact us.

The voice call can be scheduled only between **9:00 am- 8:45 pm IST**

API for Getting Delivery Reports

http://your_domain/api/voicedlr.php?uid=your_unique_id&pin=your_pin&callid=CALL-ID&format=csv

You can fetch the status/delivery report of a voice call submitted by you by passing the unique call id given by our system. Pass the call id in "callid" variable, you can also pass multiple callid as comma separated to fetch multiple call reports.

[callid=2265,2266,2267,2268&format=csv](#)

Sample Response CSV Format

You will get the response with the current status of the call along with callid and number, if you pass multiple callid then you will get response as below each field is separated by [comma \(, \)](#) and each record is separated by [newline](#)

Callid,Number,Status

```
2265,98460XXXXX,ANSWERED <newline>
2266,98120XXXXX,SUBMITTED <newline>
2267,98100XXXXX,DND <newline>
2268,1245678,INVALID <newline>
```

You can also get daily report by replacing "callid" variable with "rdate= dd-mm-yyyy"

http://your_domain/api/voicedlr.php?uid=your_unique_id&pin=your_pin&rdate=dd-mm-yyyy&format=csv

[rdate=01-03-2014](#)

Note : Current date report is not available

Sample Response CSV Format

Callid,Number,Status

```
2265,98460XXXXX,ANSWERED <newline>
2266,98120XXXXX,SUBMITTED <newline>
2267,98100XXXXX,DND <newline>
2268,1245678,INVALID <newline>
```

Following are the response along with explanation

ANSWERED : Call Answered.

SUBMITTED : Call accepted by the system but status unknown, status may change later to "**ANSWERED**"

DND : Number Registered with NDNC, Call not Submitted to the System

INVALID : Number is not valid, call not Submitted to the System

API for Checking Balance of Voice Calls

`http://your_domain/api/balance.php?uid=your_unique_id&pin=your_pin&route=voicecall`

You can fetch your current balance by passing "`route=voicecall`"

Sample Response

101

Uploading Voice/Sound File

`http://your_domain/api/voice_upload.php?uid=your_unique_id&pin=your_pin&file=ABSOLUTE_PATH_TO_FILE`

You can upload voice/sound files which is in MP3/WAV format directly from your application/program.

Maximum size of file should not exceed more than 5 MB.

The **Curl Function (PHP)** is used to post the file into our Server. After posting a file you will get the unique file/sound id which you need to pass through "`voice=file_id`" parameter when you are calling the Voice Call API

Sample Code in PHP

```
$file = 'ABSOLUTE_PATH_TO_FILE'; // eg: /var/www/html/files/sound.mp3
$ch =
curl_init('http://YOUR_DOMAIN/api/voice_upload.php?uid=API_UID&pin=API_PIN
');
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_POST, true);
$post = array("file"=>"@" . $file,);
curl_setopt($ch, CURLOPT_POSTFIELDS, $post);
$file_id = curl_exec($ch);
```

Sample Response

1034

You can pass the above sound file id through "voice" variable when you are triggering Voice Call API

Possible Error Codes

Invalid File

File size exceeded, Voice call maximum file size is 5MB

Please upload WAV or MP3 file

File Upload Error

All Possible Responses & Errors

File Upload Responses	
Invalid File	File uploaded by your is invalid, file upload failed
File size exceeded, Voice call maximum file size is 5MB	File Upload failed, maximum size of voice file is 5 MB
Please upload WAV or MP3 file	File Upload failed, you can only upload .wav or .mp3 files
File Upload Error	File Upload failed, reason unknown you can try again

Delivery API Responses	
ANSWERED	Call Successfully Answered.
SUBMITTED	Call accepted by the system but status unknown at the moment, status may change later to "ANSWERED"
DND	Number Registered with NDNC, Call not Submitted to the System
INVALID	Number is not valid, call not Submitted to the System
Authentication Errors	
Invalid UID	UID given by you is wrong/invalid Variable "uid"
Invalid PIN	PIN given by you is wrong/invalid Variable "pin"
Invalid NUMBER	Number inputted by you is invalid Variable "number"
Invalid Voice File Id	Voice File ID inputted is wrong Variable "voice"
Invalid Time	Time Format is wrong Variable "time"
Wrong User ID or PIN	UID or PIN is wrong/invalid Variable "uid" & "pin"
Inactive User	User is not active
You can't send Voice Call between 8.45pm - 9.10am.	Beyond the allowed timings, you can only send/schedule voice calls only between 9 am to 8:45 pm
No Balance	You dont have enough voice call credits to submit calls
Report Not Available	Current Date calls reports are not available through Daily Report API Variable "rdate"
Invalid Date Format	Date Format is invalid, you need to submit with correct date format Variable "rdate & time"

Description of Files Used

voice.php	The core file to process the voice calls
voice_upload.php	File processing the sound file upload feature
balance.php	File Processing the available balance in your account.
voicedlr.php	File processing the Call/Delivery Reports