

# HTTP API Documentation

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## Introduction

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This HTTP API Reference Guide will help you use our push platform to send SMS messages through Query String over HTTP/HTTPS. This document provides the necessary information related to the Interface.

## Assumptions

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- User will make sure that they will not send any duplicate mobile numbers in the same hits. That means when user sends the messages in the form of URL then there is no duplicate mobile numbers in the same hit.
- User will at a time send maximum 100 mobile numbers separated by a comma.
- User will use GET/POST method for posting their request to HTTP API
- We will send the mobile number received as seq. no. so client can receive DLR against each given mobile number.

## Requirements

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### 1. Sending

Users will call the URL which consists of receivers' mobile numbers which are separated by comma, senderID and text. our component / customize php page converts this URL and submit the request to HTTP api.

**Sample Request URL to be sent by customer to send messages:**

[http://domain-name.extn/sendsms.php?username=user-name&password=user\\_pass&sender=user\\_senderid&mobile=user\\_mobile&type=1&message=user\\_msg](http://domain-name.extn/sendsms.php?username=user-name&password=user_pass&sender=user_senderid&mobile=user_mobile&type=1&message=user_msg)

Where,

**Username:** unique user name provided by system admin when the user is created in the system

**Password:** password as provided by our system admin when the user is created in the system

**Sender:** This is the Sender field that should appear in the message Max Length of 08 if Alpha numeric Please note that a source with a '+' sign is treated as alpha numeric and not numeric so the normal constraints on an alphanumeric senders apply to it. (Additional restrictions on this field may be enforced by the SMSC)

**Mobile:** Number to which to Send message to (may or may not include a '+' sign), multiple mobile numbers can be separated by commas. For e.g. (91988000XXXX, 91988000XXXX) or (988000XXXX, 988000XXXX).

**Type:** Indicate the message type 1 - Plain Text, 2 - Unicode Message, 3 – Flash Message, 4 – Binary SMS

**Message:** The short Message to send (Can hold Long messages i.e. message longer than 160 characters for plain text, 160 for flash and 70 for Unicode)

**Error Codes:** SMS Sent Successfully, Message sequence no with Message id, SMS Failed for all possible reason

**Example Link to submit Unicode Message:**

[http://domain-name.extn/sendsms.php?username=user-name&password=user\\_pass&sender=user\\_senderid&mobile=mobilenum&type=2&message=0053004D00530066006F006C0069006F](http://domain-name.extn/sendsms.php?username=user-name&password=user_pass&sender=user_senderid&mobile=mobilenum&type=2&message=0053004D00530066006F006C0069006F)

**Example Link to submit Flash Message:**

[http://domain-name.extn/sendsms.php?username=user-name&password=user\\_pass&sender=user\\_senderid&mobile=user\\_mobile&type=3&message=user\\_msg](http://domain-name.extn/sendsms.php?username=user-name&password=user_pass&sender=user_senderid&mobile=user_mobile&type=3&message=user_msg)

**Example Link to submit Binary Message:**

[http://domain-name.extn/sendsms.php?username=user-name&password=user\\_pass&sender=user\\_senderid&mobile=user\\_mobile&type=4&message=DC0601AE02056A0045C60C03534D53666F6C696F2E636F6D0007010374657374000101&udh=0605040B8423F0](http://domain-name.extn/sendsms.php?username=user-name&password=user_pass&sender=user_senderid&mobile=user_mobile&type=4&message=DC0601AE02056A0045C60C03534D53666F6C696F2E636F6D0007010374657374000101&udh=0605040B8423F0)

**Note:**

For sending Unicode messages, the message has to be encoded in UTF-16BE format and the type parameter has to be set to 2 i.e. (type=2).

For sending Flash messages the type parameter has to be set to 3 i.e. (type=3).

For sending Binary messages, the message has to be encoded in hex-dec format and the type parameter has to be set to 4 i.e. (type=4).

**Example Link to Change Account Password**

<http://<domainname>/changepasswordapi.php?username=XXX&oldpassword=XXX&newpassword=XXXX>

**Example Link to check Sent SMS Reports**

<http://<domainname>/sentreportapi.php?username=XXX&password=XXX&sentdate=yyyy-mm-dd> (e.g. 2009-07-01)

**Example Link to check Account Balance**

<http://<domainname>/balanceapi.php?username=XXX&password=XXX>

**Example Link to Send Schedule Message**

[http://<domainname>/scheduleapi.php?username=XXX&password=XXX&type=1&mobile=91988000XXXX&sender=XXX&message=Hello%20Word!!&sched\\_date=yyyy-mm-dd&sched\\_time=16:30](http://<domainname>/scheduleapi.php?username=XXX&password=XXX&type=1&mobile=91988000XXXX&sender=XXX&message=Hello%20Word!!&sched_date=yyyy-mm-dd&sched_time=16:30)

(For e.g. If you want to send SMS on 1st July 2010 at 6:30 PM – date should be like 2010-07-01 and time should be like 16:30)

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