

HTTPS API Guide.

Introduction API

This document is to provide help and illustrations to users who wish to delivery SMS using the SMS Gateway via the HTTPS Protocol.

Accessing gateway through HTTPS API is one of the best and the quickest ways to deliver SMS messages. The HTTPS API can be used to send various types of SMS messages including normal text messages, Unicode messages, Flash SMS.

This document gives a detailed explanation of using the gateway through HTTPS API.

ParaMeter DefiNition

The following table gives the list of parameters required for sending message through SMS Gateway using the HTTPS API.

Parameter Name	Description
Account Parameters	
APIKey	Instead of the username and password you can use the API KEY for authentication of account.
Message Parameters	
senderid	Approved sender id(6 characters string only).

Channel	Message channel Promotional=1 or Transactional=2
Route	Pass the route id in this parameter to route the message.
DCS	Data coding value (Default is 0 for normal message, Set 8 for unicode sms)
Flashsms	Flash message immediate display (Default is 0 for normal sms, Set 1 for immediate display)
Number	Recipient mobile number (pass with comma separated if need to send on more than one number)
Text	Your sms content
Optional Parameters	
Schedtime	Schedule date and time for scheduling message (DateTime formate will be 2014/10/06 20:30:00 PM yyyy/mm/dd hh:mm:ss PM)
Groupid	group id for numbers

Note : Only 100 mobile numbers are allowed.

APIKey: - An application programming interface key (API key) is a code passed in by computer programs calling an API (application programming interface) to identify the calling program, its developer, or its user to the Web site.

SenderId: - The Sender-Id refers to the Alphanumeric Identity of the Sender. For India analphanumeric sender-id (of maximum 6 characters) is accepted. International SMS can have alphanumeric sender-id (of maximum 11 characters).

Channel:- Choose Route like Promotional = 1 or Transactional = 2 OTP = OTP

Route:- Pass the route id in this parameter to route the message.

DCS: - Data coding value (Default is 0 for normal message, Set 8 for unicode sms)

Flashsms: - Flash message immediate display (Default is 0 for normal sms, Set 1 for immediate display)

Number :- Recipient mobile number (pass with comma separated if need to send on more than one number) 91989xxxxxxx,91999xxxxxxx

Text :- Your sms content

160	characters 1 message
161 – 306	characters 2 messages
307 – 459	characters 3 messages
460 – 612	characters 4 messages
613 – 765	characters 5 messages
766 – 918	characters 6 messages
919 – 1071	characters 7 messages
1072 – 1224	characters 8 messages
1225 – 1377	characters 9 messages

Schedtime:- Schedule date and time for scheduling message (DateTime formate will be 2014/10/06 20:30:00 PM yyyy/mm/dd hh:mm:ss PM)

Groupid:- group id for numbers

Note : Due to restrictions in the HTTPS protocol, the following special characters must be encoded, as shown below, to avoid collision with reserved HTTPS characters.

Messaging API

Sending a Single Message

To send a single message of any type (normal text messages, Unicode messages, Flash Messages), the gateway requires parameters like API KEY for authentication purpose in below URL format

<http://yourdomain.com/api/mt/SendSMS?APIKey=yourapicode&senderid=WEBSMS&channel=2&DCS=0&flashsms=0&number=91989xxxxxxx&text=test message&route=clickhere>

Response in XML :

```
{ "ErrorCode": "000", "ErrorMessage": "Success", "JobId": "20047", "MessageData": [ { "Number": "91989xxxxxxx", "MessageId": "mvHdpSyS7UOs9hixixQLvw" }, { "Number": "91989xxxxxxx", "MessageId": "PfiVClgH20iG6G5R3usHwA" } ] }
```

An Optional IP validation feature is also available for security of clients who access the gateway via a Global Static IP

Sending a Multiple Messaging (BULK Messaging)

For sending Bulk SMS messages, the following URL, along with the required parameters, needs to be accessed

<http://yourdomain.com/api/mt/SendSMS?APIKey=yourapicode&senderid=WEBSMS&channel=2&DCS=0&flashsms=0&number=91989xxxxxxx,91999xxxxxxx&text=test message&route=clickhere>

Response in XML:

```
{ "ErrorCode": "000", "ErrorMessage": "Success", "JobId": "20047", "MessageData": [ { "Number": "91989xxxxxxx", "MessageId": "mvHdpSyS7UOs9hixixQLvw" }, { "Number": "91999xxxxxxx", "MessageId": "PfiVClgH20iG6G5R3usHwA" } ] }
```

Schedule SMS API

Schedule an SMS. Schedule an SMS so that it is sent at a future date with this application. Choose the date and then enter the mobile phone number and a message. On the selected date, the SMS will be automatically sent.

<http://yourdomain.com/api/mt/SendSMS?APIKey=yourapicode&senderid=WEBSMS&channel=2&DCS=0&flashsms=0&number=91989xxxxxxx&text=test message&schedtime=2015/12/31 22:35:00 PM&route=clickhere>

Response in XML:

```
{ "ErrorCode": "000", "ErrorMessage": "Success", "JobId": "20047", "MessageData": [ { "Number": "91989xxxxxxx", "MessageId": "BqTiw66A2UGLfv3DnwHFLQ" } ] }
```

Group SMS API

<http://yourdomain.com/api/mt/SendSMS?APIKey=yourapicode&senderid=WEBSMS&channel=2&DCS=0&flashsms=0&number=91989xxxxxxx&text=test message&groupid=###&route=clickhere>

Response in XML:

```
{ "ErrorCode": "000", "ErrorMessage": "Success", "JobId": "20047", "MessageData": [ { "Number": "91989xxxxxxx", "MessageId": "mvHdpSyS7UOs9hixixQLvw" }, { "Number": "91999xxxxxxx", "MessageId": "PfiVClgH20iG6G5R3usHwA" } ] }
```

Check Delivery API

For accessing delivery report for SMS messages sent during a particular date and time duration, the following URL, along with the required parameters, needs to be accessed

```
http://yourdomain.com/api/mt/GetDelivery?APIKey=yourapicode&jobid=#####
```

Response in XML:

```
{"ErrorCode":"0","ErrorMessage":"Success","MessageId":null,"DeliveryReports":[{"MessageId":"mvHdpSyS7UOs9hJxixQLvw","DeliveryStatus":"Delivered","DeliveryDate":"2015-09-28T06:17:00"}, {"MessageId":"PfivClgH20iG6G5R3usHwA","DeliveryStatus":"Delivered","DeliveryDate":"2015-09-28T06:17:00"}]}
```

Check Multiple Delivery API

```
http://yourdomain.com/smsapi/mis.aspx?user=username&password=password&fromdate=mm/dd/yyyy&todate=mm/dd/yyyy
```

Note: you need to use your UI User ID and Password

Check Balance API

You can Check your Balance by Using this API

```
http://yourdomain.com/api/mt/GetBalance?APIKey=yourapicode
```

Response in XML: {"ErrorCode":"0","ErrorMessage":"Success","Balance":"Promo:0|Trans:0"}

API Error Code

Error Code	Description
000	Success
001	login details cannot be blank
003	sender cannot be blank
004	message text cannot be blank
005	message data cannot be blank
006	error: generic error description
007	username or password is invalid
008	account not active
009	account locked, contact your account manager
010	api restriction
011	ip address restriction
012	invalid length of message text
013	mobile numbers not valid
014	account locked due to spam message contact support
015	senderid not valid
017	groupid not valid
018	multi message to group is not supported
019	schedule date is not valid
020	message or mobile number cannot be blank
021	insufficient credits
022	invalid jobid
023	parameter missing
024	invalid template or template mismatch
025	{Field} can not be blank or empty
026	invalid date range
027	invalid optin user