



Bulk SMS Planner

HTTP Messaging API's

Message Sending API

API used for sending bulk messages:

`http://<server>:<port>/bulksms/bulkxmlapi`

Sending Single Message to Multiple Mobile Numbers:

```
<?xml version="1.0" encoding="UTF-8"?>
<message-submit-request>
<username>XXXXXXXX</username>
<password>XXXXXXXX</password>
<sender-id>XXXXXXXX</sender-id>
<MType>XXXX</MType>
<message-text>
<text>XXXXXXXXXXXX</text>
<to>XXXXXXXXXXXX</to>
<to>XXXXXXXXXXXX</to>
.
.
.
</message-text>
<WAPurl>www.XXXXXX.xxx</WAPurl>
</message-submit-request>
```

Sending Single Message to Single Mobile Number:

```
<?xml version="1.0" encoding="UTF-8"?>
<message-submit-request>
<username>XXXXXXXX</username>
<password>XXXXXXXX</password>
<sender-id>XXXXXXXX</sender-id>
<MType>XXXX</MType>
<message-text>
<text>XXXXXXXXXXXX</text>
```

```

<to>XXXXXXXXXXXX</to>
</message-text>
<message-text>
<text>XXXXXXXXXXXX</text>
<to>XXXXXXXXXXXX</to>
</message-text>
<message-text>
<text>XXXXXXXXXXXX</text>

```

```

<to>XXXXXXXXXXXX</to>
</message-text>

```

```

.
.
.

```

```

<WAPurl>www.XXXXXX.xxx</WAPurl>
</message-submit-request>

```

Above values would be send in variable “**data**” using POST method.

Example : data=”<message-submit-request>.....</message-submit-request>”

Then this ‘data’ would be send to above link using POST method Request		Parameters
Sr. No	Parameter Name	Description
1.	username	Name of the user
2.	password	Password for the respective user
3.	sender-id	Source of the message
4.	MType	Indicates the type of message. Values for " MType ":- TXT : Plain Text FLASH : Flash Message UNI : Unicode WAP : WAP Push
5.	message-text	It contains message content along with the destination numbers
5(i).	text	Message content to be send
5(ii).	to	Destination to which message has to be send
6.	WAPurl	URL to be send in case of wap message. Its required only in case of wap messages else its optional.

<MType>:

Indicates the type of message.

Values for "**MType**":-

TXT: Plain Text (GSM 3.38 Character encoding)

FLASH: Flash Message (GSM 3.38 Character encoding)

UNI: Unicode

WAP: WAP Push

<message-text>:

It contains message content along with the destination numbers.

<text>:

The message to send (Can be used for 'long' messages, that is, messages longer than 160 characters for plain text, 140 for flash and 280 for Unicode) For concatenated (long) messages we will be counting as one message for every 153 characters for plain text and 268 characters for Unicode, as the rest of the characters will be used by the system for packing extra information for re-assembling the message on the cell phone.

In case of WAP Push (type = 4), this is the text that would appear in the message. Also in the latter case, to send non-English characters in the message, you only have to directly URL encode them (using UTF-8 character encoding scheme).

<to>:

Mobile Number to which to Send message to (may or may not include a '+' sign), multiple mobile numbers can be given in separate <to> tag

<WAPurl>:

If sending a WAP Push message (type=4), this holds the link that you wish to send, for any other type of message, no value needs to be supplied for this field (if specified will be ignored) . Just like "message" field, this field should also be URL encoded with UTF-8 character encoding (even for sending non-ASCII domain names).

Response format :

Reply in case of successful message sending would be,

In case of single message to multiple destinations, one single response would be send for all the destinations. Response format would be '**TOKEN-DATE**'

Example : **115342773-2013_04_01**

In case of single message to single destination response would be given for every message. Response would be '**TOKEN-DATE**'

Example : **115342774-2013_04_01;115342775-2013_04_01;...**

In case of any error response would be like "**ERRORCODE|DestinationNo**"

Error Codes:

1702: Invalid URL Error, This means that one of the parameters was not provided or left blank

1703: Invalid value in username or password field

1704: Invalid value in "type" field

1705: Invalid Message

1706: Invalid Destination

1707: Invalid Source

1709: Bind Failed

1710: Internal Error

1025: Insufficient Credit

1901: Bad Content Type. It means the content type is other than 'application/xml' or 'text/xml'

1033: Source template mismatch

1028: Spam Message

1032: DND destination

Delivery Report

This will allow authenticate user to get their delivery reports in a bunch.

Once message has been sent user can check the delivery status of the sent message by using following link:

http://<ipaddress>:<port>/bulksms2346/dlrstatus?username=XXXXXX&password=XXXXXX&tagname=XXXXX Request		Parameters
Sr. No	Parameter Name	Description
1.	username	Name of the user
2.	password	Password for the respective user
3.	tagname	This will contain the response provided while sending messages i.e TOKEN-DATE