



MultiTexter.com Smart Messaging System

HTTP Application Programming Interface

0. INTRODUCTION

MultiTexter.com system offers various methods to send SMS messages. This document contains specifications for the following methods:

- Send messages using HTTP XML POST
- Send messages using HTTP GET

You can receive delivery reports using:

- XML Post ▪ JSON Get

1. HTTP XML POST

The URL used to post XML formatted data is: <https://www.multitexter.com/tools/xml/Sms.php>

Duplicate numbers in any single post request will be filtered in the MultiTexter system so that the message is delivered only once to each recipient.

The options for posting XML data to this URL vary depending on socket options for the

1.1. XML Format

The XML string must be formatted as valid XML. There are two ways of sending XML request strings:

- Without unique delivery report
- With unique delivery report

1.1.1. XML **Without** Unique delivery report

```
<SMS>
  <authentication>
    <username></username>
    <password></password>
  </authentication>
  <message>
    <sender></sender>
    <msgtext></msgtext>
    <flash></flash>
  </message>
  <recipients>
    <gsm></gsm>
  <gsm></gsm>
    <gsm></gsm>
  </recipients>
</SMS>
```

Fields in blue are optional as a default value can be assumed.

Messages that are sent using the “without unique delivery report” method will not be able to receive XML delivery reports for individual numbers in a batch. We will explain how to retrieve delivery reports later on in this document.

The listname field must contain the name of a list of numbers that has previously been uploaded to your account. When using the listname field, there will be no individual delivery reports for numbers in the pre-uploaded list, as they cannot have a message id.

1.1.2. XML **With** Unique delivery report

```
<SMS>  
  <authentication>  
    <username></username>  
    <password></password>  
  </authentication>  
  <message>  
    <sender></sender>  
    <msgtext></msgtext>  
    <flash></flash>  
  </message>  
  <recipients>  
    <gsm messageId="userGenId1"></gsm>  
    <gsm messageId="userGenId2"></gsm>  
    <gsm messageId="userGenId3"></gsm>  
  </recipients>  
</SMS>
```

Fields in blue are optional as a default value can be assumed.

Sending messages using the “with Unique Delivery report” format makes it possible for you to know the delivery status of a message sent to any number without having to login to your account on our server.

You will need to generate a unique id for each number in every batch of SMS you send.

XML Parameters Specification

XML PARAMETERS SPECIFICATION		
Authentication	Username	Client's username used for login on MultiTexter System
	Password	Client's password used for login on MultiTexter System
Message	Sender	Dynamic sender name. Maximum 11 characters for alphanumeric sender ID and 14 for numeric.
Message Recipients	Msgtext	The content of the text message.
	Flash	Either 1 or 2. 1 – normal SMS – flash SMS
	Gsm	2 Internationally formatted recipient without leading '0' or '+', For example: 2347033001122
Recipients	gsm messageId="userGenId3"	Unique delivery report; client generates a unique messageId for each recipient, that will be used to collect delivery reports.

1.2. Return XML Response

After making a POST XML request from the client, an XML response will be returned immediately.

The return XML string will be in the format:

<RESPONSE>

<status>status_code</status>

</RESPONSE>

This is to tell if your XML data got to our server successfully or not.

Status codes:

Status Code	Description
-1	Incorrect / badly formed XML data
-2	Incorrect username and/or password
-3	Not enough credit units in user account
-4	Invalid sender name
-5	No valid recipient
-6	Invalid message length/No message content
-10	Unknown/Unspecified error
100	Send successful

2. HTTP GET

Used for non-xml requests, that involves issuing a get request to the following URL using these parameters:

<https://www.multitexter.com/tools/geturl/Sms.php?username=abc&password=xyz&sender=you&message=yourmessage&flash=0&sendtime=2009-1018%2006:30&listname=friends&recipients=2348019900323&forcednd=1>

The parameters are similar to those of the xml post with the only requirement being the need to encode the URL as a valid URL, as well as ensure that html entities e.g. „&“ are correctly encoded as well.

2.0.1. GET Parameters Specification:

GET Parameters Specification	
Username	Client's username used for login on MultiTexter System
Password	Client's password used for login on MultiTexter System
Sender	Dynamic sender name. Maximum 11 characters for alphanumeric sender ID and 14 for numeric.
Message	The content of the text message.
Flash	Either 1 or 2. 1. – normal SMS 2. – flash SMS that will be displayed on recipient's screen directly
Recipients	Internationally formatted recipient without leading '0' or '+', For example: 2347033001122
Forcednd	Set to 1 if you want to override DnD-active recipients and 0 if you don't want to.

2.1. USING REST API

Used for JSON requests, that involves issuing a get request to the following URL using these parameters:

<https://www.multitexter.com/tools/json/Sms.php?username=abc&password=xyz&sender=you&message=yourmessage&flash=0&sendtime=2009-1018%2006:30&listname=friends&recipients=2348019900323&forcednd=1>

The parameters are similar to those of the HTTP GET except that this return a JSON return value.

2.1.1. RESTFUL Parameters Specification:

GET Parameters Specification	
Username	Client's username used for login on MultiTexter System
Password	Client's password used for login on MultiTexter System
Sender	Dynamic sender name. Maximum 11 characters for alphanumeric sender ID and 14 for numeric.
Message	The content of the text message.
Flash	Either 1 or 2. 1. – normal SMS 2. – flash SMS that will be displayed on recipient's screen directly
Recipients	Internationally formatted recipient without leading '0' or '+', For example: 2347033001122
Forcednd	Set to 1 if you want to override DnD-active recipients and 0 if you don't want to.

2.2. Additional HTTP GET Commands

Use the following URL to obtain your account balance at any time.

https://www.multitexter.com/tools/command.php?username=your_username&password =your_password

Parameters username – The username (email) you use to login to your account
password – Your account password

Status	Code	Description
AUTH_FAILED	1 or	Incorrect username and/or password
ACCOUNT_SUSPENDED	2	The account has been suspended
BAD_REQUEST	3	Invalid request data
UNKNOWN_ERROR	4	Rarely used – unknown error

2.3. Return Status Codes

After making a GET request, a status code will be returned immediately.

This is to tell if your request was received by our server successfully.

Status codes:

Status Code	Description
-1	Incorrect / badly formed URL data
-2	Incorrect username and/or password
-3	Not enough credit units in user account
-4	Invalid sender name
-5	No valid recipient

-6	Invalid message length/No message content
-10	Unknown/Unspecified error
100	Send successful

3. COLLECTING DELIVERY REPORTS

Delivery reports will be available after sending messages until collected.

In order to get delivery reports, you need to issue a get request using JSON or XML

JSON DELIVERY REPORTS

To get Delivery reports using JSON use:

[https://www.multitexter.com/tools/dlreport.php?username=abc&password=xyz&msgids=NA78 121,NA78122,7812...](https://www.multitexter.com/tools/dlreport.php?username=abc&password=xyz&msgids=NA78%20121,NA78122,7812...)

Delivery Report Parameters:

Delivery Report Parameters	
Username	Client's username used for login on the MultiTexter System
Password	Client's password used for login on the MultiTexter System
Msgids	You can specify up to 100 message ids which you must have included if you want to specify the message report. Each message id must be separated only by a comma (,)

Return JSON

The returned json for this request will be in the following format:

```
{
  'status'=>[true,false],
  'message'=>[
    {
      'msglds'=> msgid,
      'recipient'=>recipient_no,
      'status'=>delivery_status,
      'deliverytime'=>delivery_date,
```

'isdnd'=>true if the no is dnd active, false otherwise

```

    }
    ...
  ]
}

```

Status codes:

Status code	Description
-1	Invalid username and/or password
SENT	Message sent successfully to the GSM Networks. Report is updated after it drops to either delivered or undelivered depending on phone status.
DELIVERED	Message sent and delivered to the recipient successfully.
REJECTED	Message sent but number is on DND (Do Not Disturb) which blocks number from receiving.
EXPIRED	Message sent but number is either switched off or out of coverage for an extended period of time.
UNDELIVERED	Message was not delivered.

XML DELIVERY REPORTS:

To get Delivery reports using JSON use:

https://www.multitexter.com/tools/getdr.php?username=abc&password=xyz&msgids=NA78_121,NA78122,7812...

Delivery Report Parameters:

Delivery Report Parameters	
Username	Client's username used for login on the MultiTexter System
Password	Client's password used for login on the MultiTexter System

Msgids

You can specify up to 100 message ids which you must have included if sending SMS with the XML Post method. Each message id must be separated only by a comma (,)

Return XML

The returned XML for this request will be in the following format:

<DELIVERYREPORT>

<message id="clientGenId1">status_code</message>

</DELIVERYREPORT>

Where "clientGenId1" is the message id that was included when the message was sent, and status_code is the delivery status of the message.

Status codes:

Status code	Description
-1	Invalid username and/or password
SENT	Message sent over a route that does not support delivery report
DELIVERED	Message sent and delivered to the recipient successfully
NOT_DELIVERED	Message was not delivered
INSUFFICIENT_CREDIT	Your account credit is not sufficient to send the message
RESPONSE_UNAVAILABLE	Not yet received a response from the recipient