



Smsbag Mobile Messaging System HTTP API Documentation

1.0 Introduction

SmsBAG system offers various methods to send and receive SMS messages. This document contains specifications for following methods:

- Send messages using HTTP GET
- Receive messages using HTTP POST

SmsBAG system also offers the Network Query solution. This is a service in regards to Mobile Number Portability (MNP), enabling the identification of network that a mobile phone number belongs to, and if the mobile number does exist.

Both HTTP GET and POST uses an XML service within their internal Logic

1.1 Parameter Specification

Authentication	UserName	SmsBAG email ID
	Password	SmsBAG password
GSM/Recipient Number	GSM Number	Destination address(s) of the message. The Mobile number must be in International Format.
Sender	Sender ID	This is dynamic Sender ID of the message
Message	Text	Message Body (1 sms= 160 characters)
	Type	Default is Text Messages but one can use WAP/MMS for MMS or WAP URL messages
	Flash	0 for text messages 1 for Flash messages A Flash message is a text message that appears once on a phone and then disappears,
	WapURL	This is a url link that needs to be sent to the recipient. E.g www.facebook.com/me/mypicture.jpg
	Redirect URL (for httpPOST)	This is the return URL where the Application will send the response code of the message sent.

1.2 Status Codes

Status	Value	Description
NOT_A_NUMBER	1	Incorrect Recipient Number. Number contains text or special Xters
INVALID_NUMBER	2	Recipient Number Invalid, either not in International format or not complete
COUNTRY_RESTRICTION	3	API restrictions is to Nigeria numbers only (234)
MAX_MSG_LEN_REACHED	4	Maximum SMS Character (450) has been exceeded
EMPTY_RECIPIENT	5	No recipient Number Detected
NOT_ENOUGH_CREDIT	6	Not enough Credit to Send the message
SENDER_NOT_ALLOWED	7	Sender ID not allowed...the Sender ID has been restricted to the SPAM checks
AUTH_FAILED	8	Username or Password Authentication failed
SEND_OK	0	Sending OK

2. HTTP(S) GET

The HTTP(S) GET method is used to send messages by using the browser url. Example for normal text message:

<http://www.smsbag.com/sms/api/?username=xxx&password=xxxx&sender=Friend&messagetext=messagetext&IsFlash=0&gsm=2348056780223>

The response of the url_GET is displayed on the screen

3. HTTP(S) POST

This method is used for Website Integration and self maintained sms page.

Download the PHP sample from <http://www.smsbag.com/sms/docs/PhpApi.rar>

How this Works:

Using the HTTP_POST, Parameters are sent to our API Page for execution, once the request has been processed, a response using the Parameter Specification is sent to a **Redirect URL** which will be supplied by you.

The parameter description is as explained in section 1.1

For any Help or Further Explanations

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