



## INDEX:

1. Description – Bulk SMS.....	2
2. HTTP Connectivity.....	3
3. HTTP URLs.....	4
a. Single Message URL.....	4
b. Multiple Message URL.....	4
4. HTTP Parameters .....	5
5. Error Codes.....	5-7
6. History.....	6
7. SMS Specifications.....	6
8. Balance query.....	7

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## Bulk SMS

In an era of rapid technological advancements, mode of communication is becoming lot more sophisticated. A new and modern way of reaching your target market and communicating them is through SMS (Short Messaging Service). IBS Internet Business Solution offers you this mode of communication through its bulk SMS service.

Bulk SMS service reaches your target audience at a very economical price, putting behind the conventional mode of advertising that costs you in multiples compared to SMS service.

High Speed messaging in world, yet simple and reliable. We provide you the fastest messaging solutions allowing the organizations to communicate with their clients on urgent and personal basis.

## HTTP Connectivity

This document covers the HTTP method of connectivity. Additional documents are available for other types of connectivity.

This is one of the simpler server-based forms of communication to with our gateway. It can be used either in the form of a HTTP POST or as an URL. We recommend POST for larger data transfer, due to the size limitation of GET.

Communication to our API can be done via HTTP on port 80. All calls to the API must be URL-encoded.

The beauty and add-on advantage of http connectivity is that you can check or access the gateway even on web based applications.

The parameter names are case-sensitive, so it is important to read entire document prior to seeking assistance from IBS.

## HTTP URLS

### Sending Process:

#### Unicode:

##### URL for Single SMS service

<http://sms.malath.net.sa/httpSmsProvider.aspx?username=xxxxxx&password=xxxxxx&mobile=9665xxxx&unicode=U&message=062A062C063106280647002006450646002006450648064206390020062C064806270644&sender=your sender name here>

##### URL for Multiple SMS service

<http://sms.malath.net.sa/httpSmsProvider.aspx?username=xxxxxx&password=xxxxxx&mobile=9665xxxx.9665xxxx&unicode=U&message=062A062C063106280647002006450646002006450648064206390020062C064806270644&sender=your sender name here>

In this URL for sending on multiple mobile you have to separate with comma(,)

#### English:

##### URL for Single SMS service

<http://sms.malath.net.sa/httpSmsProvider.aspx?username=xxxxxx&password=xxxxxx&mobile=9665xxxx&unicode=E&message=Special ADSL offer, grab it before end of this month&sender=your sender name here>

##### URL for Multiple SMS service

<http://sms.malath.net.sa/httpSmsProvider.aspx?username=xxxxxx&password=xxxxxx&mobile=9665xxxx.9665xxxx&unicode=E&message=Special ADSL offer, grab it before end of this month&sender=your sender name here>

In this URL for sending on multiple mobile you have to separate with comma(,)

**Note:** must be active your sender name before do any test.

## HTTP Parameters

Username: This is your account username given by IBS

Password: this is password of your account  
 Mobile: This is recipient mobile number. Format should be like 9665xxxxxx

Unicode: This is the code which represents type of message. The values will be E for English, U for Unicode. Describe....

Message: Actual message. If this English it will be English. For sending Unicode, you need to convert into hexacode.

Sender: This is sender address. This can be only in English and only upto 11 characters.

## Error Codes

Success	0
Parameter are missing	101
either user name or password are missing or your Account is on hold	104
Credit are not available	105
wrong Unicode	106
blocked sender name	107
missing sender name	108

## History

This part of URL deals with the messages history and that includes the messages delivered and outstanding. The beauty and add-on advantage of http connectivity is that you can check or access the gateway even on web based applications.

Login to <http://sms.malath.net.sa> to history. You can check whether messages are delivered or outstanding.

## SMS Specifications

### Unicode:

Single Message: A message in Unicode format can contain up to 70 characters.

Multiple Message: Once the message exceeds more than 70 characters it would be sent in multiples with 67 characters in each message.

### English:

Single Message: A message in English format can contain up to 160 characters.

Multiple Message: Once the message exceeds more than 160 characters it would be sent in multiples with 134 characters in each message.

## Balance query:

If you want to know your balance after sending SMS, you can follow these steps:

1- Replace the variables in this following link with the suitable values, and then open it via the browser or any other programming language.

URL for Balance Query service

<http://sms.malath.net.sa/api/getBalance.aspx?username=YouUser&password=YourPassword>

## Error Codes

There is a wrong content in the link	<b>Error~1011</b>
You have not a permission to or your account info is incorrect	<b>Error~11</b>