API Specification For Sending Business SMS

MobiReach Platform

This document will help explaining the specifications which needed to be followed in order to submit messages to MobiReach platform.

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1. Introduction

The MobiReach Platform is designed to offer you a convenient way of sending and receiving messages and initiating and managing bulk advertising campaigns. You have option to manage your contacts and bulk lists and you can view reports and statistics in different angles and generate corresponding reports.

The MobiReach Platform comes with web services to enable external applications and services to send SMS for advertising campaigns. This interface supports the transmission of SMS where client applications can request for sending messages and can request message status.

MobiReach Platform Web Service provides the underlying HTTP server functionality. The following web methods are currently permitted:

- ➢ HTTP GET
- ➢ HTTP POST
- ➢ HTTP SOAP

This user manual briefly describes how to use this portal.

2. Functional Overview

2.1 All Operations

MobiReach Platform Web Service is responsible to handle the submission of messages from 3rd party. The following methods are available:

Method	Description
SendTextMessage	To send SMS text messages to one recipient
SendTextMultiMessage	To send same SMS to multiple recipients
GetMessageStatus	To retrieve the status of a sent message

2.2 Return Value

For any request to MobiReach Platform web service, it response with a class ServiceClass which contains the following public fields:

Method	Type	Description
MessageID	Number	Unique message reference number e.g. : 123456 This reference number need to be used for any future purpose i.e. for calling GetMessageStatus
Status	Number	Message Status Possible Values: -1: Error occurred 0: Pending 1: Successfully transmitted 2: Processing
Status Text	String	To retrieve the current status of a sent message e.g.: Error occurred or pending or successfully transmitted.
ErrorCode	Number	Error code e.g.: -1, -2, 0, 1041, 1042 etc. Here a nonzero value means error occurred. A zero value means no error.
ErrorText	String	Error description It contains description of error. For Example: Error while submitting to SMSC, Invalid originator, Invalid destination etc.
SMSCount	Number	Number of SMS e.g.: 1,2,3 etc.
CurrentCredit	Number	Current credit of the sender number

2.3 Operation Specification

2.3.1 SendTextMessage

Description:

This function sends a text message to one recipient via MobiReach Platform web service.

Signature:

```
ServiceClass SendTextMessage(String Username, String Password, String
From, String To, String Message)
```

Parameters:

Input Fields	Type	Description
Username	String	Username that is used for login
Password	String	Password
From	String	Originator mobile number
To	String	Destination mobile number
Message	String	Message text

Samples:

➢ **HTTP GET:**

https://api.mobireach.com.bd/SendTextMessage?Username=testuser&Password=XXXXXX&From=88018XXXXXXXX&To=8801XXXXXXXXX&Message=testmessage

Note: The above GET requests should be submitted in URL encoded format.

➢ **HTTP POST:**

Here is a simple HTML form which will submit SendTextMessage request to the web service using HTTP POST.

```
<form action="https://api.mobireach.com.bd/SendTextMessage"
method="post">
<input type="text" name="Username" value="testuser"/>
<input type="text" name="Password" value="XXXXXX"/>
<input type="text" name="From" value="88018XXXXXXXX"/>
<input type="text" name="To" value="8801XXXXXXXXX" />
<input type="text" name="Message" value="testmessage"/>
<input type="submit" value="Submit" />
</form>
```

➢ **SOAP :**

Add following link in your application as web reference to generate the SOAP message structure and objects

https://user.mobireach.com.bd/index.php?r=sms/service

2.3.2 SendTextMultiMessage

Description:

This function sends same message to multiple mobile numbers via MobiReach Platform web service. You can send same message to at most 200 recipients by one call of this method.

Signature:

```
ServiceClassSendTextMultiMessage(String Username, String
Password, String From, String To, String Message)
```

Parameters:

Input Fields	Type	Description
Username	String	Username that is used for login
Password	String	Password
From	String	Originator mobile number
To	String	Destination mobile numbers separated by comma i.e. 88018XXXXXXXX,88017XXXXXXXX,88019XXXXXXXX
Message	String	Message text

Samples:

➢ **HTTP GET:**

https://api.mobireach.com.bd/SendTextMultiMessage?Username=testuser&Password=XXXXXX&From=88018XXXXXXXX&To=8801XXXXXXXXXX,8801XXXXXXXXXX,8801XXXXXXXXXX&M essage=testmessage

Note: The above GET requests should be submitted in URL encoded format.

➢ **HTTP POST:**

Here is a simple HTML form which will submit SendTextMultiMessage request to the web service using HTTP POST.

```
<form
action="https://api.mobireach.com.bd/ApacheGearWS/SendTextMultiMess
age" method="post">
<input type="text" name="Username" value="testuser" />
<input type="text" name="Password" value=" XXXXXX" />
<input type="text" name="From" value="88018XXXXXXXX"/>
<input type="text" name="To"
value="8801XXXXXXXXXX,8801XXXXXXXXXX,8801XXXXXXXXXX" />
<input type="text" name="Message" value="testmessage"/>
<input type="submit" value="Submit" />
</form>
```

➢ **SOAP :**

Add following link in your application as web reference to generate the SOAP message structure and objects

https://user.mobireach.com.bd/index.php?r=sms/service

2.3.3 GetMessageStatus

Description:

This function is for getting status info about a message using a unique identification number (MessageId) which is received from the above three methods. It is suggested to call this method after certain period of time after calling above three methods. For example, after calling SendTextMessage, you will get a MessageId. Then after one hour, you can callGetMessageStatus using the MessageId to get updated status of the message.

Signature:

```
ServiceClassGetMessageStatus(String Username, String Password, int
MessageId)
```

Parameters:

Input Fields	Type	Description
Username	String	Username that is used for login
Password	String	Password
MessageId	Int	Message reference number e.g.:22300

Samples:

> **HTTP GET:**

https://api.mobireach.com.bd/GetMessageStatus?Username=testuser&Password=XXXXXX&MessageId=22300

Note: *The above GET requests should be submitted in URL encoded format.*

> **HTTP POST:**

Here is a simple HTML form which will submit GetMessageStatusrequest to the web service using HTTP POST.

```
<form action="https://api.mobireach.com.bd/GetMessageStatus"
method="post">
<input type="text" name="Username" value="testuser" />
<input type="text" name="Password" value="XXXXXX" />
<input type="text" name="MessageId" value="22300" />
<input type="submit" value="Submit" />
</form>
```

> **SOAP :**

Add following link in your application as web reference to generate the SOAP message structure and objects

https://user.mobireach.com.bd/index.php?r=sms/service