mobiShastra

MobiShastra Technologies LLC

API Integration

Version: 1.3

mobiShastra

INDEX

mobiShastra

PUSH API (For Multiple Numbers**)**

TECHNICAL OVERVIEW

High Level Architecture of Two-Way SMS between Mobile Device and Application:

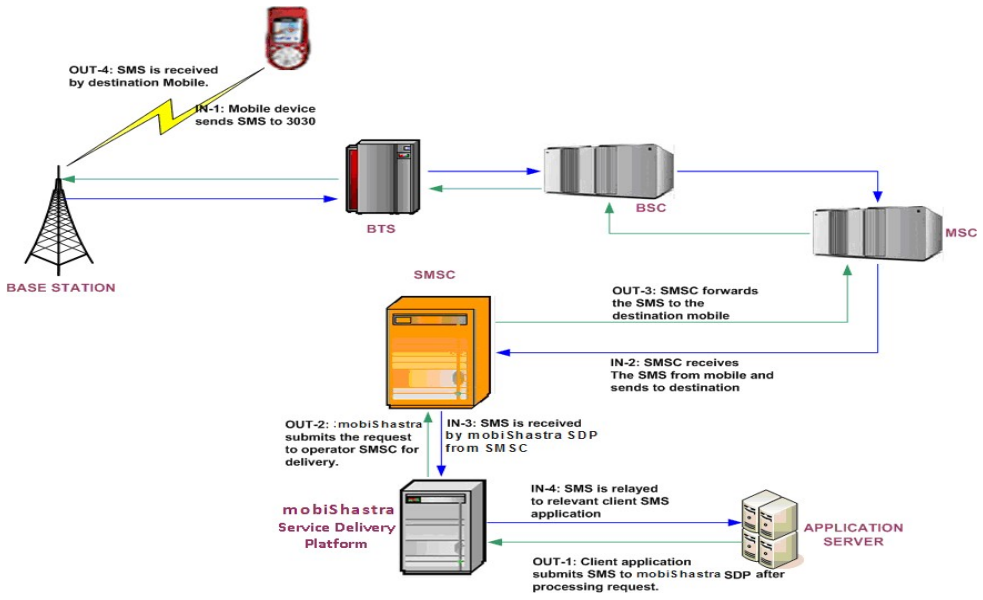

Fig: High level architecture of Two-way SMS between Mobile Device & Application

The mobile device can be a regular mobile telephone, or a special device for use in telematics applications.

Inbound SMS are typically delivered in under 3 seconds
Outbound SMS are typically delivered in 3-6 seconds.

On **the** diagram the inbound route is indicated by the IN prefix to each stage and shows **receiving SMS. The outbound** route is indicated by the OUT prefix to each stage and shows the **sending** of SMS to mobiles.

mobiShastra

Send SMS Basic API :

https://mshastra.com/sendurlcomma.aspx?user=xxxxxxxx&pwd=xxxxxx&senderid=SMS Alert&mobileno=mobileno,mobileno&msgtext=Hello&priority=High&CountryCode=ALL

For sending multiple SMS use the above API

Glossary of dynamic fields:

user = You will get a unique profile id once your account is logged in. It will be a 8 character numeric id (200XXXXX).

password = Password will be the part of credentials provided to you. You can change them innumerable times

ABC = This will be the approved Sender ID from the operator. User can have multiple approved Sender IDs & can use any of them. In case, the sender ID doesn't match with the approved ones, SMS will go from the default ID

mobileno = The UAE mobile no. to which user wants to send SMS. They can be in any format (+9715XX, 9715XX, 05XX, 5XX). Only numbers are allowed. System will automatically reject less than 9 digit & nos. not starting with 5.

Hello = The SMS content. 160 English characters counted as 1 SMS. 70 Unicode characters counted as 1 SMS. If SMS length is more than 1 SMS than the SMS counts are in multiple of 153 in case of English & 63 in case of Unicode.

Check balance:

https://mshastra.com/balance.aspx?user=profileid&pwd=password

user = Use your 8 digit profile id & password to check your balance

mobiShastra

SEND SMS WITH ADVANCE OPTIONS:

https://mshastra.com/sendurlcomma.aspx?user=xxxxxxxx&pwd=xxxxxx&senderid=SMS Alert&mobileno=mobileno,mobileno&msgtext=Hello&priority=High&CountryCode=ALL&scheduledDate=mm/dd/year hh:min am

*NOTE * Parameter scheduledDate=mm/dd/year hh:min am has to be used only for sms scheduling using api.

Glossary of dynamic fields:

user = You will get a unique profile id once your account is logged in. It will be 8 character numeric id (200XXXXX).

password = Password will be the part of credentials provided to you. You can change them innumerable times

ABC = This will be the approved Sender ID from the operator. User can have multiple approved Sender IDs & can use any of them. In case, the sender ID doesn't match with the approved ones, SMS will go from the default ID

mobileno = The UAE mobile no. to which user wants to send SMS. They can be in any format (+9715XX, 9715XX, 05XX, 5XX). Only numbers are allowed. System will automatically reject less than 9 digit & nos. not starting with 5.

Hello = The SMS content. 160 English characters counted as 1 SMS. 70 Unicode characters counted as 1 SMS. If SMS length is more than 1 SMS than the SMS counts are in multiple of 153 in case of English & 63 in case of Unicode.

scheduled Date=This will be the date time on which message has to be sent. This version of api is only used for SMS scheduling.

mobiShastra

SEND SMS WITH ADVANCE OPTIONS WITH UNICODE:

https://mshastra.com/sendurlcomma.aspx?user=xxxxxxxx&pwd=xxxxxx&senderid=SMS Alert&mobileno=mobileno,mobileno&msgtext=Hello&priority=High&CountryCode=ALL

user = You will get a unique profile id once your account is logged in. It will be a 8 character numeric id (200XXXXX).

password = Password will be the part of credentials provided to you. You can change them innumerable times

ABC = This will be the approved Sender ID from the operator. User can have multiple approved Sender IDs & can use any of them. In case, the sender ID doesn't match with the approved ones, SMS will go from the default ID

mobileno = The UAE mobile no. to which user wants to send SMS. They can be in any format (+9715XX, 9715XX, 05XX, 5XX). Only numbers are allowed. System will automatically reject less than 9 digit & nos. not starting with 5.

Hello = The SMS content. 160 English characters counted as 1 SMS. 70 Unicode characters counted as 1 SMS. If SMS length is more than 1 SMS than the SMS counts are in multiple of 153 in case of English & 63 in case of Unicode.

API #

https://mshastra.com/sendurlcomma.aspx?user=User&pwd=password&senderid=ABC&mobileno=mobileno&msgtext=Hello&CountryCode=ALL&scheduledDate=mm/dd/year hh:min am

Sample Codes

ASP #

```
sResponse = SMSSend(pno, message )
If right(sResponse,15) = "Send Successful" Then
                'write your code here
End If
Function SMSSend (strPh,strMsg)
   Dim msgResponse
   Dim strRequest
   Dim strUrl
                msgResponse = ""
      strPh=right(strPh,10)
   If not IsNumeric(strPh) Or len(strPh) <> 10 Then
                msgResponse = "Enter valid Mobile Number."
   End If
      If strMsg = "" Then
                msgResponse = "Enter text message."
   End If
   strUrl = "https://mshastra.com/sendurlcomma.aspx?"
```

```
strRequest = strRequest+"user=User"
 strRequest = strRequest+"&pwd=pass"
 strRequest = strRequest+"&senderid=senderid"
 strRequest = strRequest+"&mobileno="+strPh
 strRequest = strRequest+"&msgtext="+Server.URLEncode(strMsg)
strRequest = strRequest+"&CountryCode="ALL
      strUrl = strUrl+strRequest

      If msgResponse = "" Then
            Dim oXML
            Dim sPage
            Err.Clear
            On Error Resume Next
            Set oXML = Server.CreateObject("Msxml2.XMLHTTP")
            oXML.Open "get", strUrl , false
            oXML.Send
            msgResponse = oXML.ResponseText
            Set oXML = Nothing
      End If
      SMSSend = msgResponse
```

```
If Err.Number <> 0 Then
        SMSSend = "Problem on sending sms : "& Err.Description
       End If
End Function
```

ASP .NET (C#)

```
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.IO;
using System.Net;
public void SMSSend()
{WebClient client = new WebClient();
   string baseurl =
"https://mshastra.com/sendurlcomma.aspx?user=User&pwd=xxxx
&senderid=ABC&mobileno=9911111111&msgtext=Hello&CountryC
ode=ALL&scheduledDate=mm/dd/year hh:min am";
  Stream data = client.OpenRead(baseurl);
```

```
StreamReader reader = new StreamReader(data);
string s = reader.ReadToEnd();
data.Close();
reader.Close();}
```

JAVA #

```
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.OutputStreamWriter;
import java.net.HttpURLConnection;
import java.net.URL;
import java.net.URLEncoder;
import java.util.Date;

public class SMSSend {public static void main(String[] args)
{ try {Date mydate = new Date(System.currentTimeMillis());
 URL url = new
URL(https://mshastra.com/sendurlcomma.aspx?user=User&pwd=x
xxx&senderid=ABC&mobileno=9911111111&msgtext=Hello&Count
ryCode=ALL&scheduledDate=mm/dd/year hh:min am);
```

```
HttpURLConnection conn =
(HttpURLConnection)url.openConnection();

conn.setRequestMethod("GET");

conn.setDoOutput(true);

conn.setDoInput(true);

conn.setUseCaches(false);

conn.connect();

BufferedReader rd = new BufferedReader(new
InputStreamReader(conn.getInputStream()));

String line;

StringBuffer buffer = new StringBuffer();

while ((line = rd.readLine()) != null)

{buffer.append(line).append("\n");}

System.out.println(buffer.toString());

rd.close();

conn.disconnect();}catch(Exception e)

{e.printStackTrace();}}}
```

Note: Required javax.servlet.jar and jdom.jar to execute

(downloadable from internet,add to

classpath).

PHP #

'-- Use URLEncode for parameter msgtext

?php

$url =
"https://mshastra.com/sendurlcomma.aspx?user=User&pwd=xxxx
&senderid=ABC&mobileno=9911111111&msgtext=Hello&CountryC
ode=ALL&scheduledDate=mm/dd/year hh:min am ";

$ch = curl_init($url);

curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);

$curl_scraped_page = curl_exec($ch);

curl_close($ch);

echo $curl_scraped_page;?

mobiShastra

PUSH API (For Single Messages)

Send SMS API :

https://mshastra.com/sendurl.aspx?user=xxxxxxxx&pwd=xxxxxx&senderid=SMS Alert&mobileno=mobileno&msgtext=Hello&priority=High&CountryCode=ALL

For sending Single SMS use the above API

Glossary of dynamic fields:

user = You will get a unique profile id once your account is logged in. It will be a 8 character numeric id (200XXXXX).

password = Password will be the part of credentials provided to you. You can change them innumerable times

ABC = This will be the approved Sender ID from the operator. User can have multiple approved Sender IDs & can use any of them. In case, the sender ID doesn't match with the approved ones, SMS will go from the default ID

mobileno = The UAE mobile no. to which user wants to send SMS. They can be in any format (+9715XX, 9715XX, 05XX, 5XX). Only numbers are allowed. System will automatically reject less than 9 digit & nos. not starting with 5.

Hello = The SMS content. 160 English characters counted as 1 SMS. 70 Unicode characters counted as 1 SMS. If SMS length is more than 1 SMS than the SMS counts are in multiple of 153 in case of English & 63 in case of Unicode.

This API will give you response message as below:

Invalid Mobile No
Invalid Password
Profile Id Blocked
Submission Stops
No More Credits
Enter Mobile Number.
Enter text message
Invalid Profile Id.
Country not activated

API to Send SMS WITH ERROR CODE

https://mshastra.com/sendurl.aspx?user=<Profile_Id>&pwd=<Password>&senderid=<Sender_Id>&mobileno=966XXXXXXX&msgtext=Message Text&CountryCode=ALL&ShowError=C
Upon Calling this API you will receive below response codes

000 - Send Successful
001 - Invalid Receiver
003 - Invalid Message
005 - Authorization failed
006 - DND Number
007 - Cannot Extract Country Code
008 - Empty Receiver
009 - Profile Blocked
010 - Invalid Profile ID
011 - Profile ID expired
012 - Sender Id more than 13 Chars
013 - Server Error

mobiShastra

SEND SMS WITH ADVANCE OPTIONS:

https://mshastra.com/sendurl.aspx?user=xxxxxxxx&pwd=xxxxxx&senderid=SMS Alert&mobileno=mobileno&msgtext=Hello&priority=High&CountryCode=ALL&scheduledDate=mm/dd/year hh:min am

*NOTE * Parameter scheduledDate=mm/dd/year hh:min am has to be used only for sms scheduling using api.

Glossary of dynamic fields:

user = You will get a unique profile id once your account is logged in. It will be a 8 character numeric id (200XXXXX).

password = Password will be the part of credentials provided to you. You can change them innumerable times

ABC = This will be the approved Sender ID from the operator. User can have multiple approved Sender IDs & can use any of them. In case, the sender ID doesn't match with the approved ones, SMS will go from the default ID

mobileno = The UAE mobile no. to which user wants to send SMS. They can be in any format (+9715XX, 9715XX, 05XX, 5XX). Only numbers are allowed. System will automatically reject less than 9 digit & nos. not starting with 5.

Hello = The SMS content. 160 English characters counted as 1 SMS. 70 Unicode characters counted as 1 SMS. If SMS length is more than 1 SMS than the SMS counts are in multiple of 153 in case of English & 63 in case of Unicode.

scheduledDate=This will be the date time on which message has to be sent. This version of API is only used for SMS scheduling.

mobiShastra

SEND SMS WITH ADVANCE OPTIONS With UNICODE:

https://mshastra.com/sendurl.aspx?user=xxxxxxxx&pwd=xxxxxx&senderid=SMS Alert&mobileno=mobileno&msgtext=Hello&priority=High&CountryCode=ALL

user = You will get a unique profile id once your account is logged in. It will be a 8 character numeric id (200XXXXX).

password = Password will be the part of credentials provided to you. You can change them innumerable times

ABC = This will be the approved Sender ID from the operator. User can have multiple approved Sender IDs & can use any of them. In case, the sender ID doesn't match with the approved ones, SMS will go from the default ID

mobileno = The UAE mobile no. to which user wants to send SMS. They can be in any format (+9715XX, 9715XX, 05XX, 5XX). Only numbers are allowed. System will automatically reject less than 9 digit & nos. not starting with 5.

Hello = The SMS content. 160 English characters counted as 1 SMS. 70 Unicode characters counted as 1 SMS. If SMS length is more than 1 SMS than the SMS counts are in multiple of 153 in case of English & 63 in case of Unicode.

API #

https://mshastra.com/sendurl.aspx?user=User&pwd=password&senderid=ABC&mobileno=mobileno&msgtext=Hello&CountryCode=ALL&scheduledDate=mm/dd/year hh:min am

mobiShastra

XML API

Send SMS - XML API

URL: https://mshastra.com/sendsms_api_xml.aspx

Client will have to pass below parameters:

user = <profile id>

pwd = <password>

number = <mobile number with country code>

msg = <Text Message>

sender = <sender id>

language = <Unicode/English>

In case of Unicode messages language = <Unicode> and msg text parameter should be passed as hexadecimal.

Request Format for XML:

<request>

<user>20061628</user>

<pwd>xgxxxx</pwd>

</message>

<message>

<number>917503368648</number>

<msg>Hi this is XML API</msg>

<sender>NASCNT</sender>

<language>ENGLISH</language>

</message>

</messages>

</request>

Response Format:

<response>

<message>

<msg_id> 336886980</msg_id>

<number>919926561799</number>

<str_response>Send Successful</str_response>

</message>

<message>

<msg_id> 336886981</msg_id>

<number>917503368648</number>

<str_response>Send Successful</str_response>

</message>
</response>

JSON API:

User will have to pass below parameters

user = <profile id>

pwd = <password>

number = <mobile number with country code>

msg = <Text Message>

sender = <sender id>

language = <Unicode/English>

API to pass parameters -

https://mshastra.com/sendsms_api_json.aspx

In case of Unicode messages language = <Unicode> and msg

parameter has to be passed as hexadecimal.

[{"user":"2XXXXXXX","pwd":"wwwXXX","number":"919926561799",
"msg":"test1","sender":"SMS
Alert","language":"Unicode"},{"user":"2XXXXXXX","pwd":"wwwXXX
","number":"917503368648","msg":"test2","sender":"SMS
Alert","language ":"English"}]

We will provide response in json as:

[{"msg_id":"12345678","number":"919926561799","response":"sen
d success"}]
{"msg_id":"34567891","number":"917503368648","response":"sen
d success”}]

mobiShastra

PULL API

TECHNICAL OVERVIEW

High Level Architecture of Two-Way SMS between Mobile Device and Application:

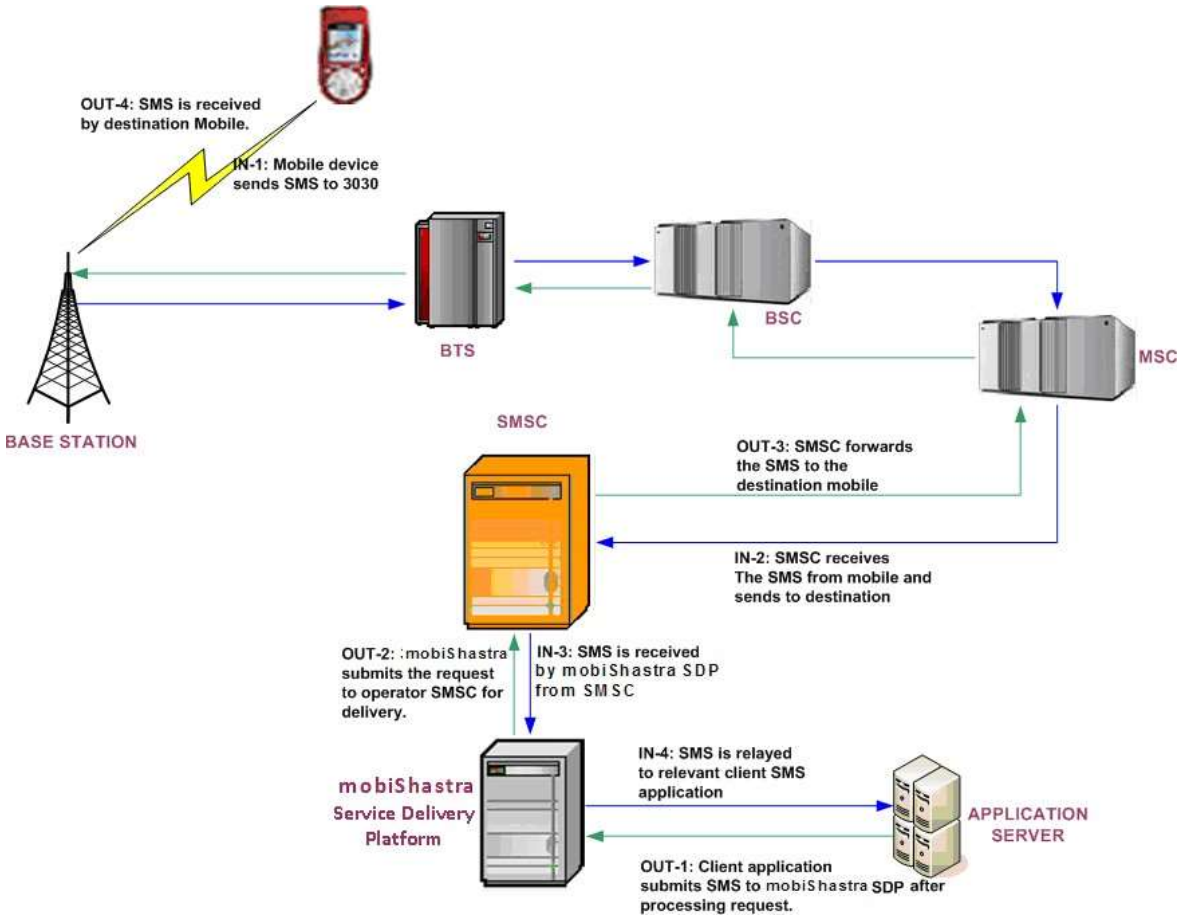

Fig: High level architecture of Two way SMS between Mobile Device Application

The mobile device can be a regular mobile telephone, or a special device for use in telematics applications.

Inbound SMS are typically delivered in under 3 seconds Outbound SMS are typically delivered in 3-6 seconds.

On **the** diagram the inbound route is indicated by the IN prefix to each stage and shows

Receiving SMS. The outbound route is indicated by the OUT prefix to each stage and shows the

Example pull API

For using pull API user has to go through following steps.

➢➢ User has to create a page in his domain for example http://domain.com/response.aspx in any of the language where user will have to request parameters.

➢➢ In that page response.aspx user has to request parameters shortcode,mobileno.,keyword and message.

➢➢ After requesting these parameters on that page user can use that data as per the requirement like insert to database etc.

Here is a sample aspx page where we have requested for those parameters for using pull API.

ASPX code for PULL API

```
public partial class Incoming : System.Web.UI.Page
{

 int flag = 0;
 public string msg = "";
 string vshortcode, vmobileno, vkeyword, vmessage,
MessageResponse;
   SqlCommand cmd;
   SqlDataReader sdr;
  protected void Page_Load(object sender, EventArgs e)
 {        vshortcode = Request["shortcode"];
          vmobileno = Request["mobileno"];
         vkeyword = Request["keyword"];
         vmessage = Request["message"];
```

** After requesting these parameters user can use these parameters as per his requirement. Like User can insert these parameters in database for his record or whatever he wants.