

SMART SMS - XML API for Multiple SMS

Introduction

This document provides the technical details of the XML based SMS API for the SMART SMS Engine Suite. This API is provided for customers to use any standard software development application to send Multi SMS Messages through the Gateway. This protocol is best suited for offline application who wishes to send messages by calling the function each time.

How to Use the API

Any standard software development tool can be used to use the XML API. The following are the steps required to send a message.

- Create an XML message using the format specified
- Send the XML to the http URL provided as a Form Data
- Receive the XML response and check the status of the request
- Recommended to input 100 records in single XML.

User Validation

User validation is done using the user id and password specified in the XML element

Programming Details

XML Tag for Sending

```
<SMS>
  <UserID>XXXX@smartcall.ae</UserID>
  <Pwd>XXXXXXXXX@#@#@</Pwd>
  <Messages>
    <Message>
      <MobileNumber>XXXXXXXXXMOBILE1, XXXXXXXXXXXMOBILE2,
XXXXXXXXXXMOBILE3</MobileNumber>
      <SenderID>XXXXXXX</SenderID>
      <Text>Msg1</Text>
      <Unicode>0</Unicode>
    </Message>
    <Message>
      <MobileNumber>XXXXXXXXXMOBILE4</MobileNumber>
      <Text>Msg2</Text>
      <Unicode>1</Unicode>
    </Message>
  </Messages>
</SMS>
```

The URL to post is <http://www.smartsmsgateway.com/ClientAPIV3/SubmitMultiXML.aspx>

XML Tag Response

```
<?xml version='1.0' encoding='utf-8' ?>
<SMS>
  <Responses>
    <MessageResponse>
      <MobileNumber>XXXXXXXXXMOBILE1</MobileNumber>
      <SMSREF>2007XXXXXXXX</SMSREF>
      <Status>OK</Status>
    </MessageResponse>
    <MessageResponse>
      <MobileNumber>0507351903</MobileNumber>
      <SMSREF> XXXXXXXXXMOBILE2</SMSREF>
      <Status>OK</Status>
    </MessageResponse>
  </Responses>
  <Status>Error</Status>
  <Error></Error>
</SMS>
```

Sample .NET Code

```
Dim strXML As String
Dim txtResponse As String

strXML = "<SMS>"
strXML = strXML & "<UserID>XXXXXXXX</UserID>"
strXML = strXML & "<Pwd>XXXXXX<Pwd>"
strXML = strXML & "<CampaignID>adsmall11</CampaignID>"
strXML = strXML & "<Messages>"
strXML = strXML & "<Message><MobileNumber>055XXXXXXXX</MobileNumber>"
strXML = strXML & "<Text>Msg1</Text>"
strXML = strXML & "<Unicode>0</Unicode></Message>"
strXML = strXML & "<Message><MobileNumber>055XXXXXXXX</MobileNumber>"
strXML = strXML & "<Text>Msg2</Text>"
strXML = strXML & "<Unicode>1</Unicode></Message>"
strXML = strXML & "</Messages></SMS>"

txtResponse = ""
Dim strURL As String

strURL = "http:// www.smartsmsgateway.com/ClientAPIV3/SubmitMultiXML.aspx"

Dim objWebResponse As HttpWebResponse = Nothing
Dim objStreamWriter As StreamWriter = Nothing

Dim objStreamReader As StreamReader = Nothing
Dim objWebRequest As HttpWebRequest = Nothing
```

```
objWebRequest = DirectCast(WebRequest.Create(strURL), HttpWebRequest)
objWebRequest.Method = "POST"
objWebRequest.ContentType = "text/plain"
objStreamWriter = New StreamWriter(objWebRequest.GetRequestStream())
objStreamWriter.Write(strXML)
objStreamWriter.Flush()
objStreamWriter.Close()

objWebResponse = DirectCast(objWebRequest.GetResponse(), HttpWebResponse)
objStreamReader = New StreamReader(objWebResponse.GetResponseStream())
txtResponse = objStreamReader.ReadToEnd()
```

```
txtResponseTxt.Text = txtResponse
```

Support Contact Details

Tele: +971 4 3455 865

Fax : +971 4 2981 591

Email: support@smartsms.ae

Web : www.smartsms.ae