



SMART SMS - XML Interface Technical Manual

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Introduction

This technical document is intended for developers who wish to use the SMART CALL XML API for sending SMS messages through SMART SMS gateway. This document describes the parameters and the system requirements should consider by developers when using XML API. A HTTP server is implemented on SMART CALL server to listen to the queries from clients. The XML should be encoded in UTF-8. The schema of the XML sent by HTTP Post method is as follows:

```
<?xml version='1.0' encoding='utf-8' ?>

<SMS>

    <MobileNumber></MobileNumber>

    <Message></Message>

    <Unicode>0</Unicode>

    <CampaignID>0</CampaignID>

    <UserID>/UserID>

    <Pwd></Pwd>

</SMS>
```

The URL to post is <http://www.smartcall.ae/ClientAPIV3/submitXML.aspx>

Parameter Definition

MobileNumber: The number of the handset to which the message must be delivered. The number should be in international number format.

Message: The Message parameter refers to the actual message that is to be sent to the destination mobile number. All characters in the message should be URL encoded.

Unicode: The parameter specifies the language. Unicode will be zero for English and 1 for Arabic.

CampaignID: The value of this parameter by default will be zero.

UserID: The authentication ID of the account. The ID will be in email ID format. Eg: test@smartcall.ae and is provided by the administrator.

Pwd: Password of the account



Submission Status of Message

The status can be checked by sending an xml to the

URL <http://smartcall.ae/esmsnetclientapi/getstatus.aspx>

with the reference number in the tag SMS/Message Ref. The status will be returned as a return xml in form

```
<?xml version='1.0' encoding='utf-8' ?>
<SMS>
    <Status></Status>
    <Error></Error>
</SMS>
```

Delivery Status of Message

```
<?xml version='1.0' encoding='utf-8' ?>
<SMS>
    <Status></Status>
    <DeliveryDate></DeliveryDate>
    <Error></Error>
</SMS>
```

Pls check the status after 6 minutes. Even if the msg is delivering immediately, the status will be updated to the table after 5 minutes.

System Requirements and Programming languages supported

- The client components connect to the server using TCPIP.
- The standard HTTP (port 80) protocol should be open on the network for XML API
- The URL to post is: <http://www.smartcall.ae/esmsnetclientapi/submitXML.aspx>
- XML API is platform independent.



Eg: The script below can be used in VB/ASP

```
Dim xmlData As String
xmlData = "<?xml version='1.0' encoding='utf-8' ?>"
xmlData = xmlData + "<SMS>" & vbCrLf
xmlData = xmlData + "<MobileNumber>971508518167</MobileNumber>" & vbCrLf
xmlData = xmlData + "<Message>Test</Message>" & vbCrLf
xmlData = xmlData + "<Unicode>0</Unicode>" & vbCrLf
xmlData = xmlData + "<CampaignID>0</CampaignID>" & vbCrLf
xmlData = xmlData + "<UserID>test@smartcall.ae @smartcall.ae</UserID>" & vbCrLf
xmlData = xmlData + "<Pwd>smart</Pwd>" & vbCrLf
xmlData = xmlData + "</SMS>"
TxtXML.Text = xmlData
```

```
Dim strURL As String
Dim o As New MSXML2.XMLHTTP30
Dim o2 As New MSXML2.DOMDocument30
TxtResponse.Text = ""
strURL = " http://www.smartcall.ae/ClientAPIV3/submitXML.aspx"

o.open "POST", strURL, False
TxtResponse.Text = ""
Call o.setRequestHeader("Content-Type", "text/plain")
o.send TxtXML.Text

TxtResponse.Text = o.responseText
```

The script below can be used in . Net

```
protected void Page_Load(object sender, EventArgs e)
{
    string xmlData ;

    txtURL.Text = " http://www.smartcall.ae/ClientAPIV3/submitXML.aspx" ;
    xmlData = "<?xml version='1.0' encoding='utf-8' ?> \n" ;
    xmlData = xmlData + "<SMS> \n" ;
    xmlData = xmlData + "<MobileNumber>971508518167</MobileNumber> \n" ;
    xmlData = xmlData + "<Message>Test XML Message</Message> \n" ;
    xmlData = xmlData + "<Unicode>0</Unicode> \n" ;
    xmlData = xmlData + "<CampaignID>0</CampaignID> \n" ;

    xmlData = xmlData + "<UserID>test@smartcall.ae</UserID> \n";
    xmlData = xmlData + "<Pwd>smart</Pwd> \n";
```



```
xmlData = xmlData + "</SMS>" ;
txtXML.Text = xmlData ;

}

protected void btnSend_Click(object sender, EventArgs e)
{
    string strURL ;

    MSXML2.XMLHTTP30 o = new MSXML2.XMLHTTP30();
    MSXML2.XMLHTTP30 o2 = new MSXML2.XMLHTTP30();

    TxtResponse.Text = "" ;
    strURL = txtURL.Text;
    o.open("POST", strURL, false, "test@smartcall.ae", "test");
    TxtResponse.Text = "";

    o.setRequestHeader("Content-Type", "text/plain");
    o.send(txtXML.Text);
    TxtResponse.Text = o.responseText;

}
```

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