

CIL Http Universal API

Using GET Syntax:

<http://cilsms.com/MoreSmsUTF.aspx?uid=<uuuuu>&pwd=<ppppp>&mobiles=<RecipientNos>&message=<MessageText>&msgtype=<MessageType>&senderid=<SenderID>&return=<IntegerValue>&tid=<DLTTemplateIdOfMessageText>>

Using POST Syntax:

<http://cilsms.com/MoreSmsUTF.aspx>

Post key Values:

uid=<uuuuu>&pwd=<ppppp>&mobiles=<RecipientNos>&message=<MessageText>&msgtype=<MessageType>&senderid=<SenderID>&return=<IntegerValue>&tid=<DLTTemplateIdOfMessageText>

HTTP Request query string definition

Key Name	Value Type	Particular	Note
uid	String	Cil Login ID	Mandatory Key
pwd	String	Cil Login Password	Mandatory Key
mobiles	String	Recipient Nos separator by comma	Mandatory Key (at least one 10digits recipient no)
message	String	Recipient SMS text	Mandatory Key (must be UTF-8 encoder for eliminate junk chars in SMS text)
msgtype	Integer	Recipient SMS text type	0 for Text (default), 1 for Text flash, 2 for Unicode
senderid	String	Sender id which flashes on the recipient phone	Blank or not set = sent default active , Length > 0 = if match in approved list then sent set <Sender ID> else sent default active
return	Integer	Http response "content-type"	0 for XML in "text/html" (default), 1 for XML in "application/xml", 2 for JSON in "text/html", 3 for JSON in "application/json"
tid	String	DLT template ID	* Mandatory Key after 7-Jan-2021

Response Text

XML Response	JSON Response
<pre><?xml version='1.0' encoding='UTF-8'?> <cil> <transid>Integer</transid> <error>String</error> <smscount>Integer</smscount> </cil></pre>	<pre>{ "cil": { "transid": "Integer", "error": "String", "smscount": "Integer" } }</pre>

HTTP Response definition

Key Name	Value Type	Success Value	Fail Value
transid	Integer	Non zero positive number	Zero or negative number (reason in error)
error	String	"Success"	Non submission reason in text
smscount	Integer	No of SMS debit from balance	Ignore this value

Text / ASCII SMS GET Example:

For send message for only 1 recipient

<http://www.cilsms.com/MoreSmsUTF.aspx?uid=LoginID&pwd=LoginPassword&mobiles=9924699246&message=You are welcome.>

For send message for more than 1 recipient (the all recipients are separated by comma.)

<http://www.cilsms.com/MoreSmsUTF.aspx?uid=LoginID&pwd=LoginPassword&mobiles=9924699246,9227792277&message=You are welcome.>

Text / ASCII Flash SMS Example:

<http://www.cilsms.com/MoreSmsUTF.aspx?uid=LoginID&pwd=LoginPassword&mobiles=9924699246,9227792277&message=You are welcome.&msgtype=1>

Language / Unicode SMS Example:

<http://www.cilsms.com/MoreSmsUTF.aspx?uid=LoginID&pwd=LoginPassword&mobiles=9924699246,9227792277&message=आप का स्वागत है&msgtype=2>

Note:

1. 1 sms pulse has been count on every 159 chars.
2. New line is counted as 2 chars.
3. Message will broadcast as default sender id if not set, else if match in approved list then sent set <Sender ID> else sent default sender id.
4. Please remove control characters from message while submit the request.
5. For flash sms keep length upto 159 chars only, else it delivers as normal sms.
6. GET method, Message text must be http encode for eliminate junk characters at recipient end.

Ex 1

message=Please answer

2+2=5

Yes or no?

Replace with using C# function "[String=HttpUtility.UrlEncode\(String\);](#)"

message=Please+answer%0a2%2b2%3d5%0aYes+or+no%3f

URL=http://www.cilsms.com/MoreSmsUTF.aspx?
uid=LoginID&**pwd**=LoginPassword&**mobiles**=9924699246,9227792277&**message**=Please+ans
wer%0a2%2b2%3d5%0aYes+or+no%3f

Ex 2

message=आप का स्वागत है।

Replace with using C# function “**String**=HttpUtility.UrlEncode(**String**);”

Message=%e0%a4%86%e0%a4%aa+%e0%a4%95%e0%a4%be+%e0%a4%b8%e0%a5%8d%e0%a4%b5%e0%a4%be%e0%a4%97%e0%a4%a4+%e0%a4%b9%e0%a5%88%e0%a5%a4

URL=http://www.cilsms.com/MoreSmsUTF.aspx?
uid=LoginID&**pwd**=LoginPassword&**mobiles**=9924699246,9227792277&**message**=%e0%a4%86%e0%a4%aa+%e0%a4%95%e0%a4%be+%e0%a4%b8%e0%a5%8d%e0%a4%b5%e0%a4%be%e0%a4%97%e0%a4%a4+%e0%a4%b9%e0%a5%88%e0%a5%a4&**msgtype**=2

7. Some of the special characters in the message text encode, if test in web browser

- | | |
|----------------------|-----|
| 1. Newline or '\r\n' | %0A |
| 2. & | %26 |
| 3. # | %23 |
| 4. < | %3C |
| 5. > | %3E |
| 6. + | %2B |
| 7. ^ | %5E |

8. If GET has query string key count zero then only API retrieve keys value from POST.

9. POST method, in C# Code

URL=http://www.cilsms.com/MoreSmsUTF.aspx

keyPost=uid=LoginID&**pwd**=LoginPassword&**mobiles**=9924699246&**message**=You are welcome.

or

URL=http://www.cilsms.com/MoreSmsUTF.aspx;

keyPost=uid=LoginID&**pwd**=LoginPassword&**mobiles**=9924699246,9227792277&**message**=आप का स्वागत है।&**msgtype**=2;

```
public string SendSMSPost(string url, string keyPost)
{
    string result = "";
    HttpResponseMessage objResponse = null;
    HttpRequest objRequest = (HttpRequest)WebRequest.Create(url);
    objRequest.Method = "POST";
    objRequest.ContentType = "application/x-www-form-urlencoded; charset=utf-8";
    byte[] bytPost = System.Text.Encoding.UTF8.GetBytes(keyPost);
    objRequest.ContentLength = bytPost.Length;
    objRequest.Timeout = 30000;
    using (Stream myWriter = objRequest.GetRequestStream())
    {
```

```
        myWriter.Write(bytPost,0,bytPost.Length);
    }
    objResponse = (HttpWebResponse)objRequest.GetResponse();
    using (StreamReader sr = new StreamReader(objResponse.GetResponseStream()))
    {
        result += sr.ReadToEnd();
    }
    return result;
}
```