

SMSCOUNTRY COM OBJECT

OVERVIEW

The SMSCountry HTTP specification describes how a user can interact with SMSCountry's SMS Gateway via the HTTP or HTTPs communication protocol. Since not everybody is able or willing to implement the whole HTTP(s) channel, SMSCountry has made a COM object available that takes away the hassle out of this process.

The SMSCountry COM API object exports a rich set of methods and definitions that will make it easy for users to integrate SMS sending into their programs or ASP pages. Various sections of this document will show you how to send SMS in Visual Basic (both in early and late binding mode) and in VBScript (late bound Visual Basic only). Since the COM object interface is completely documented, any COM enabled programming language can be used.

SECURITY ISSUES

Since the Internet is an open communication medium, security might be an issue. If you do not want anybody to intercept your authentication password, as it is being sent to SMSCountry, we offer you the means to send your authentication encrypted through HTTP.

1. GENERAL

The COM object is defined by the following class name: clsHTTP_API_COM_Obj

The COM object supports all interfaces described by the HTTP API specification.

2. PUBLISHED COM METHODS

The following sections describe each of the methods published by the COM object. Every section gives details about the method name, the input parameters list and return values.

2.1 AUTHENTICATION

Name	HTTPs (With Static IP)
Desc	No need to give username and password for authentication as Static IP itself is authentication
Parameters	HTTPs = True

Name	HTTPs (Without Static IP)
Desc	Need to give username and password for authentication
Parameters	HTTPs = False

2.2 DELIVERY REQUIRED

Name	DRRequired
Desc	Delivery Report Required. (When you send message the response you get is Unique Number, if this property is TRUE)
Parameters	Boolean [True]

2.3 SEND MESSAGE

Name	SendSMS
Desc	This method sends an SMS message
Parameters	String MobileNumber(s) String Message String SenderID [Optional] Default SMSCountry
Returns	Unique Number (if DRRequired=True) Or SMS message(s) sent (if DRRequired=False)

2.4 DELIVERY REPORT

Name	GetDR
Desc	This method gives the delivery report for SMS messages sent
Parameters	Long SMS_Job_No
Returns	String <MobileNumber-StatusCode-Date_Time>

STATUS CODES ARE:

- 0 – Message In Queue
- 1 – Submitted To Carrier
- 2 – Undelivered
- 3 – Delivered
- 4 – Expired
- 8 - Rejected

2.5 GET BALANCE

Name	GetBalance
Desc	This method gives the Credits Balance in your account
Parameters	
Returns	Numeric Value

2.6 PROXY SETTINGS

Name	ProxySettings
Desc	If your are behind Proxy, use this method
Parameters	ConnectionType ProxyType String HostName / IP Long Port String UserName String Passwd
Returns	Boolean True / False

2.6 SET RESERVED BODY

Name	SetReservedBody
Desc	This Property has been reserved for future
Parameters	String <Any>

ASP/VISUAL BASIC – LATE BINDING

VB late binding is very similar to ASP page programming; hence the examples should work in both environments.

STEP 1 – CREATE OBJECT

To create an object that will reference the HTTP_API_COM_Object, please enter the following:

```
Dim objSMS As Object
```

```
Set objSMS = CreateObject("clsHTTP_API_COM_Obj")
```

The first line will define a placeholder to reference the SMS object. The second line will create the COM object and assign it to the placeholder.

STEP 2 - SENDING YOUR SMS

To send your SMS, make sure that you have a valid username and password. Once you have your username and password, please enter the following:

```
objSMS.UserName=xxxxxx
```

```
objSMS.Passwd=xxxxxx
```

```
objSMS.SendSMS "9198xxxx", "Test Msg", "SMSCountry"
```

Replace xxxxxx by your username, password and the mobile phone number where you wish to send the SMS. Here, SMSCountry is defined as the default sender-id, but you can customize your own unique sender-id for all the SMS messages you send.

VISUAL BASIC – EARLY BINDING

This is the simplest way to send SMS messages.

NOTE: Make sure that you reference the 'HTTP_API_COM_Object Type Library' for all early binding examples.

For all other examples, you need to create a SMS object placeholder (Step 1 in Example 1).

STEP 1 – LOGIN

To login, please enter the following:

```
Dim objSMS as clsHTTP_API_COM_Object
Set objSMS = New clsHTTP_API_COM_Object
objSMS.UserName=xxxxxx
objSMS.Passwd=xxxxxxx
```

STEP 2 – SEND SMS

To send SMS, please use the SendMsg function.

```
objSMS.SendSMS "9198xxxx", "Test Msg", "SMSCountry"
```

STEP 3 – SMS CREDIT BALANCE

To check the credit balance in your account, please use the following piece of code.

```
MsgBox objSMS.GetBalance
```