



General Overview and Objective

The Routesms DLL component is based on **ActiveX technology**. With the help of Routesms.DLL, desktop and web applications can be developed very easily. By implementing various features of Routesms DLL, SMS functionalities can be attached to the applications. Routesms DLL is capable of Sending SMS across the globe. With Routesms DLL anybody can develop personal SMS application/services without using much technical skill as we had given sample application and free source code to implement the Routesms DLL component in applications. You can send SMS supporting Text, Flash, Unicode, Ringtone functionalities around the world. Routesms will help you to reduce the distance of the mobile world.

Routesms API can do the following things for you:

1. Customized Single SMS
2. Immediate Messaging to groups universally
3. Unicode Support (Arabic, Chinese)
4. Flash Message Support
5. Ringtone Support
6. Easy deployment and Immediate integration
7. Fast Delivery

Properties :

Username	Username Example: SMS.Username = "routesms"
Password	Password Example: SMS.Password = "routesms"
IPAddress	This is the IP address where your SMS account is created. Example: SMS.IpAddress="XXX.XXX.XXX.XXX" (provided by RouteSms)
Sender	Specifies an alphanumeric or numeric originator. It can be a mobile phone number or a short text with a maximum of 11 characters. There is no space in between the characters. Example: SMS.Sender = "Routesms"
Message	Message that will be sent, can be text or Unicode with maximum of 160 characters for text and 276 (69*4) for Unicode messaging. Example: SMS.Message = "Hello World"
MobileNo	This is mobile no to which you are sending the SMS Message with maximum 12 numbers. While Setting mobile property care should be taken and place the MobileCountry Code in front of the mobile number. Example: For India, Country Code = 91 (Mobile Country Code) SMS.MobileNo = "91XXXXXXXXXX"



MessageType Specifies which message has to be sent depending on the types passes by the Clients

Default Values: MessageType=0 (For Text Messages)

Example:

SMS.MessageType=mTEXT (For Text)

SMS.MessageType=mFLASH (For Flash)

SMS.MessageType=mUNICODE (For Unicode)

SMS.MessageType=mRINGTONE (For Ringtone)

Methods:

Connect()

Before calling any below mentioned methods calling Connect method is mandatory.

Return values : returns Boolean value TRUE / FALSE

Example:

SMS.connect

SendMessage()

Sends a Text/Unicode/Flash/RingTone Message. With maximum of 160 characters.

Return Values: 1701 for success / other than 1701 Failure

Example:

SMS.SendSMS

CloseConnection()

This Procedure will close the connection with server.

Example:

SMS.CloseConnection

GetBalance()

This Procedure will give users account balance.

Example:

SMS.GetBalance

Status Codes

Status Code	Description Of Status Code
1701	SUCCESS
1702	INVALID USER PASSWORD
1703	INVALID ROUTE
1704	INSUFFICIENT CREDIT
1705	INVALID URL
1706	INVALID CONNECTION

Note:-

The Routesms dll which is provided by us is required to be register in your pc before implementing.

Before accessing the properties and method of the component, object of the Component need to loaded into memory. After using the component the object should be closed

Procees of registering dll on your system

1) Download the Routesms.dll from www.routesms.com to your local system.

2) regsvr32 "dllpath\Routesms.dll" write this command in Start->Run Dialog box

** dllpath is the path of directory where Routesms.dll resides



Application Examples –

1) Sending sms using visual basic

Give the reference to **Routesms** in Visual basic project.

Open a VB Application and Select standard exe project . place command buttons on the VB Form , Name it as cmdsendSMS. Click the sendSMS command button and paste the Code as shown below.

```
Private Sub cmdsendSMS_Click ()
    Dim theSMS As Routesms.SMS
    Set theSMS = New Routesms.SMS
    theSMS.Username="john"
    theSMS.Password="smith"
    theSMS.IpAddress="XXX.XXX.XXX.XXX" (provided by RouteSms)
    theSMS.Connect
    theSMS.Sender = "Routesms"
    theSMS.Message = "Hello world"
    theSMS.MobileNo="91XXXXXXXXXX"
    theSMS.MessageType = Mtext
    abc = theSMS.sendMessage
    MsgBox abc
    xyz =theSMS. GetBalance      (add this line to get balance)
    MsgBox xyz
    theSMS.CloseConnection
    Set theSMS = Nothing
End Sub
```

Sending Unicode message using visual basic

```
theSMS.Message =
"062A06450020062A0633062C064A06440643002006280646062C0627062D00200641064A0020062E062F06
45062900200631063306270626064400200627064406470627062A06410020062706440646064206270644"
theSMS.MessageType = 2
```

2) Sending sms using active server pages

```
Save the below code with as asp page
<%
Set theSMS = CreateObject("Routesms.SMS")
theSMS.Username="john"
theSMS.Password="smith"
theSMS.IpAddress="XXX.XXX.XXX.XXX" (provided by RouteSms)
theSMS.Connect
theSMS.Sender="Routesms"
theSMS.Message="Hello world"
theSMS.MobileNo="91XXXXXXXXXX"
theSMS.MessageType=mTEXT
abc=theSMS.sendMessage
response.write abc
xyz =theSMS. GetBalance      (add this line to get balance)
response.write xyz
theSMS.CloseConnection
set theSMS=nothing
%>
```



Sending Unicode message using active server pages

```
<%  
theSMS.Message =  
"062A06450020062A0633062C064A06440643002006280646062C0627062D00200641064A0020062E062F06  
45062900200631063306270626064400200627064406470627062A06410020062706440646064206270644"  
theSMS.MessageType = 2  
%>
```