

General Overview and Objective

The RoutemobileDLL component is based on **ActiveX technology**. With the help of RoutemobileDLL, desktop and web applications can be developed very easily. By implementing various features of RoutemobileDLL, SMS functionalities can be attached to the applications. RoutemobileDLL is capable of Sending SMS across the globe. With RoutemobileDLL 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 RoutemobileDLL component in applications. You can send SMS supporting Text, Flash Message, Unicode, WA Push Message, Unicode, Flash Message functionalities around the world. RoutemobileDLL will help you to reduce the distance of the mobile world.

RoutemobileDLL Application can do the following things for you:

- 0: Plain Text (GSM 3.38 Character encoding)
- 1: Flash Message (GSM 3.38 Character encoding)
- 2: Unicode
- 4: WAP Push
- 5: Plain Text (ISO-8859-1 Character encoding)
- 6: Unicode Flash
- 7: Flash Message (ISO-8859-1 Character encoding)

Properties:

Username : Username

Example:

```
objSMS.UserName = "routemobile"
```

Password : Password

Example:

```
objSMS.Password = "routemobile"
```

Sender : 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:

```
objSMS.Sender = "routemobile"
```

IpAddress

Example:

```
// for smsplus Server
objSMS.IpAddress="api.rmlconnect.net"

OR

// for labroc Server
objSMS.IpAddress="sms5.routemobile.com"

OR

// for smpp Server
objSMS.IpAddress="smpp.routemobile.com"

OR

// for sms6 Server
objSMS.IpAddress="sms6.rmlconnect.net"
```

Message : Message that will be sent, can be text or Unicode.

Example:

```
ObjSMS.Message = "Hello"
```

Url : If sending a WAP Push message (type=4), for any other type of Message, no value needs to be supplied for this Field Just like "message" field, this field should Encoded

Example:

```
ObjSMS.WAPurl = "Hello"
```

Dlr : Indicates whether the client wants delivery report for this Message Range of values for DLR

0: No Delivery report required

1: Delivery report required

Example:

```
objSMS.dlr = "1" //Delivery Report Required.  
  
OR  
  
objSMS.dlr= "0" //Delivery Report Not Required.
```

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

Default Values: MessageType=0 (For Text Messages)

Example:

```
objSMS.MessageType = mTEXT //For Text  
  
OR  
  
objSMS.MessageType = mFLASH //For Flash  
  
OR  
  
objSMS.MessageType = mUNICODE //For  
Unicode OR  
  
objSMS.MessageType = mWapPush //For WAP Push
```

EntityId: EntityId is the principle entity unique ID received from DLT after Entity registration approved.

[Example:](#)

```
objSMS.entityid = 11011111055
```

TemplateId: TemplateId is the unique id generated once message template gets registered from DLT

[Example:](#)

```
objSMS.templateid = 11115555000
```

SendMessage: Sends a Plain Text/Unicode/Flash/WAPP message
 With maximum of 160 characters.

Error Code ::

Status Code	Description Of Status Code
1701	Success, Message Submitted Successfully
1702	Invalid URL Error, This means that one of the parameters was not provided
1703	Invalid value in username or password field
1704	Invalid value in "type" field
1705	Invalid Message
1706	Invalid Destination
1707	Invalid Source (Sender)
1708	Invalid value for "dlr" field
1709	User validation failed
1710	Internal Error
1025	Insufficient Credit
1032	Number is in DND

Note:

The RoutemobileDLL 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 Component Need to Loaded into memory. After using the component the object should be closed.

Procees of registering Routemobile dll on your system::

Step 1) Download the **route**mobileDLL from [www.route**mobile**.com](http://www.routemobile.com) to your local system.

Step 2) Regsrv32 "dllpath\routemobile.dll" write this command in start ->Run Dialog box

#Sending sms using VB.Net

Step1: Give the reference to RoutemobileDLL in VB.Net project.

Step2: Open a VB .Net Application.

Step3: Select Standard Toolbox project. Place command buttons on the VB.Net Form Name it as sendSMS.

Step4: Double Click the sendSMS command button and paste the code as shown below.

```
Private Sub sendSMS_Click (ByVal sender AS System.Object, ByVal e As system.EventArgs)
```

```
Handles sendSMS.click
```

```
Dim objSMS As New routemobiledll. SMS
```

```
objSMS.MobileNo = "9198XXXXXXXX"
```

```
objSMS.UserName = "XXXXXX"
```

```
objSMS.Password = "XXXXXXXX"
```

```
objSMS.Sender = "route"
```

```
objSMS.Message = "hello"
```

```
objSMS.IpAddress = "routemobile serverIP /Domain"
```

```
objSMS.dlr = 1
```

```
objSMS.WAPUrl = "www.routemobile.com" used when message type =4
```

```
objSMS.MessageType = routemobiledll. MESSAGE _TYPE.mTEXT
```

```
objSMS.entityid = 11011111055
```

```
objSMS. tempid = 11115555000
```

```
Dim response As string = objSMS.sendMessage ()
```

```
MessageBox.Show (response)
```

```
End Sub
```

Sending sms using Visual Basic::

Step1: Give the reference to RoutemobileDLL in Visual basic project.

Step2: Open a VB Application and Select standard exe project.

Step3: Place command buttons on the VB Form, Name it as cmdsendSMS.

Step4: DoubleClick the sendSMS command button and paste the Code as Shown below.

```
Private Sub cmdsendSMS_Click ()
```

```
    Dim objSMS As New routemobiledll.SMS
```

```
    Set objSMS =New routemobile.Sms
```

```
    Dim response As string
```

```
    objSMS.MobileNo = "9198XXXXXXXXX"
```

```
    objSMS.UserName = "XXXXXXXXX"
```

```
    objSMS.Password = "XXXXXXXXX"
```

```
    objSMS.Sender = "route"
```

```
    objSMS.Message = "hello"
```

```
    objSMS.IpAddresss = "routemobile serverIP /Domain"
```

```
    objSMS.dlr = 1
```

```
    objSMS.WAPUrl = "www.routemobile.com" used when message type =4
```

```
    objSMS.MessageType = routemobiledll. MESSAGE _TYPE.mTEXT
```

```
    objSMS.entityid = 11011111055
```

```
    objSMS. tempid = 11115555000
```

```
    response = objSMS.sendMessage
```

```
    MsgBox response
```

```
    Set objSMS = Nothing
```

```
End Sub
```