Using ASP

The Red Oxygen API can be accessed easily from ASP pages using COM objects.

This will enable Web sites and applications built on ASP to generate SMS messages with just a few lines of code.

There are two COM objects that can be used.

1	Red Oxygen COM object	Easy to use interface. Supports sending via Email, HTTP and proxy servers.
2	Microsoft XMLHTTP object	A little more difficult to construct messages, limited to HTTP only, should be preinstalled on most Windows servers but if not can be downloaded from Microsoft.

Using Red Oxygen COM object.

Example Code

```
<HTML>
<HEAD>
<TITLE>Red Oxygen - ASP Sample code to send an SMS</TITLE>
</HEAD>

<BODY>

<%@ Language="VBScript" %>
<%
    Dim sms

    Set sms = Server.CreateObject("REDOXYGENCOM.SMSInterface")

    With sms
        .Email = "username@company.com"
        .AccountID = "CI00001234"
        .Password = "MyPassword"
    End With

    sms.SendSMSMessage "61417999999", "Hello from ASP"
    Response.Write sms.responseText
%>

</BODY>
</HTML>
```

Filename and interface name

COM DLL Filename: **RedoxygenCOM.dll**
COM Interface name: **REDOXYGENCOM.SMSInterface**

Installation
Copy the COM DLL file **RedoxygenCOM.dll** to a directory and run the following command at the command line.

C:\RedOxygen>regsvr32 RedoxygenCOM.dll

For more details see the Red Oxygen API documentation on the specific language you prefer to use.

Using Microsoft MsXML Object

Example Code

```
<HTML>
<HEAD>
<TITLE>Red Oxygen - ASP Sample code to send an SMS</TITLE>
</HEAD>

<BODY>

<%@ Language="VBScript" %>
<%
    Function SendSMS(AccountId, Email, Password,inRecipient,inMessage)

        Dim Recipient
        Dim Message
        Dim objSvrHTTP
        Dim PostData

        Recipient = Server.URLEncode(inRecipient)
        Message = Server.URLEncode(inMessage)


        Set objSvrHTTP = Server.CreateObject("Msxml2.ServerXMLHTTP")

        PostData = "Action=SendSMS&AccountId=" & AccountId & "&Email=" & Email &
"&Password=" & Password &"&Recipient=" & Recipient & "&Message=" & Message

        objSvrHTTP.open "POST", "http://sms1.redoxygen.net/sms.dll?Action=SendSMS",
false
        objSvrHTTP.send PostData

        Response.Write objSvrHTTP.responseText

    End Function

SendSMS "CI0001234","username@company.com","mypassword","0409837947","Hello from ASP"
%>

</BODY>
</HTML>
```

Installing Msxml COM object

If is not already installed on your web server it can be obtained from Microsoft.

http://www.microsoft.com/downloads/details.aspx?amp;displaylang=en&familyid=8167837e-0983-4988-99a4-377ef5c0da2e&displaylang=en

For more details see the Red Oxygen API HTTP User Guide.