Technical documentation

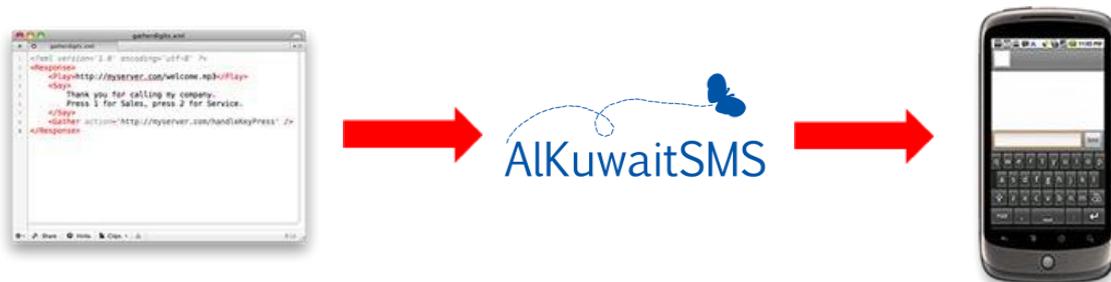# HTTP Application Programming Interface

Using API Manager

Last changed: **29.02.2012.**

What is API?

Send and receive text messages directly from and to your web application or IT systems.

1. The user enters the AlkuwaitSMS API URL in his/her application
   http://www.alkuwaitsms.com/api/?username=[Username]&password=[Password]&sms=[Message]&mobile=[mobile_numbers]&binary=[language_Flag]

2. AlkuwaitSMS will receive the API URL and make a request to your application.
3. The application will receives the request and sends XML back to AlkuwaitSMS.
4. AlkuwaitSMS execute those instructions and interact with the user.

System Features

1. Simple HTTP request
2. Encrypted communication over SSL
3. Support Unicode Characters (English & Arabic)
4. Support Long SMS
5. Multiple recipients per request
6. Detailed reports in one account

How can you use the API Manager from your AlkuwaitSMS account?

1. Click on "API Manager" at the top of the page

API Manager

2. To activate the service, set the service status to "Enabled"

Service Status: Enabled

3. Choose the API sender ID from the list, if your API sender ID was open skip this step so that your API sender ID becomes a variable that can be controlled by you through the API link
4. The system will set a password for the API link, if you want to change it click on "Set New Password"
5. Click on "Save Setting"

Save Setting

6. The system will create an example to the API link using HTTP at the bottom of the page, you can benefit from it directly

URL Parameters specifications

AlKuwaitSMS

Username	AlkuwaitSMS**.net Username**
Password	API Manger Generated Password
SMS	Test Message
Mobile	Mobile numbers with country code separated by comma
Binary	Language flag (for Arabic language binary=1 & English language binary=0)

Example:

http://www.AlkuwaitSMS.com/api/?username=Ahmed&password=USTUXHOJCCO0TXB&sms=HelloWorld&mobile=96599754599&binary=0

Check Credit Balance:

http://www.AlkuwaitSMS.com/api/balance.php?username=Ahmed&password=USTUXHOJCCO0TXB

Status return codes

The system will return one of these status codes in response to the SMS that you are sending:

NOT_AUTHORIZED	Invalid username and/or password
NO_CREDIT	Not enough credits in user account
NO_RECEIPENTS	No recipients
INVALID_RECEIPENTS	No good recipients
NO_TEXT	Empty sms text
NO_BINARY	Language flag not set
NO_SENDER	No sender ID
INVALID_SENDER	Invalid sender id (more than 11 characters)
OK_[NUMBER OF RECEIPENTS]_[TOTAL CREDIT DEDUCTED]	Request accepted

VB.net & ASP.net Sample Code:

```vbnet
Imports System.Net
Imports System.IO
Public Class Form1
    Private Sub Send_SMS(ByVal sender As Object, ByVal phonenumber As Object, ByVal msg
As Object, ByVal dc As Object)
        Dim client As WebClient = New WebClient
        Dim username = "USERNAME"
        Dim password = "GENERATED_PASSWORD"
        Dim baseurl As String = "http://alkuwaitsms.com/api/?mobile=" + phonenumber +
"&sender=" + sender + "&sms=" + msg + "&binary=" + dc + "&username=" + username +
"&password=" + password
        Dim data As Stream = client.OpenRead(baseurl)
        Dim reader As StreamReader = New StreamReader(data)
        Dim s As String = reader.ReadToEnd()
        'MsgBox(s)
        data.Close()
        reader.Close()
    End Sub
End Class
```

PHP Sample Code:

```php
function send_sms($sender, $phonenumber, $Text, $dsc)

{

$Text= urlencode($Text);

 $url =
"http://www.alkuwaitsms.com/api/?username={USERNAME}&password={PASSWORD}&sms={$Text}&mo
bile={$PhoneNumber}&binary={$DCS}&sender={$sender}";

$r=fopen($url, "r");

unset($PhoneNumber,$Text,$DCS);

}
```

AlKuwaitSMS