

Hostpro2u Bulk SMS Marketing Solution API Integration


Hostpro2u Malaysia now offers you to connect to our SMS gateway without any setup fees. By, using our SMS gateway you can automate your bulk text messaging and integrate Hostpro2u SMS service into any website or application using our Hostpro2u API.

In order to use Hostpro2u API to send mass SMS, you have to initiate a HTTPS request (POST/GET method).

Hostpro2u API - Send SMS

Parameter	Details	Example
*un	Username of Hostpro2u account	hostpro2u
*pwd	Password of Hostpro2u account	hostpro2u123
dstno	Mobile number that you wish to send a message (Append 00 for international numbers).	6012xxxxxxx
*msg	The message body (MAX limit : 700 char)	Hi, John. How r u?
type	Type of SMS 1 - ASCII (English, Bahasa Melayu, etc) 2 - Unicode (Chinese, Japanese, etc)	1
*agreedterm	Agreed Hostpro2u Term and Condition, API will filter your sms if you do not agreed with the agreement.	YES
*sendid (Optional)	Sender ID to be displayed on recipient's mobile phone. (Please notice that Malaysia Prefix does not support Sender ID)	61000

* MUST URL Encoded HTTP Response Result



HTTP Response Result

quick & easy sms II

If the SMS has been successfully sent, you'll get a response like below :-
2000 = SUCCESS or EMPTY/BLANK

However, if the SMS is failed, you'll get a error code and error description like below :-

-1004 = INSUFFICIENT CREDITS

Error Code	Error Description	Details
-1000	UNKNOWN ERROR	Unknown error. Please contact the administrator.
-1001	AUTHENTICATION FAILED	Your username or password are incorrect.
-1002	ACCOUNT SUSPENDED / EXPIRED	Your account has been expired or suspended. Please contact the administrator.
-1003	IP NOT ALLOWED	Your IP is not allowed to send SMS. Please contact the administrator.
-1004	INSUFFICIENT CREDITS	You have run our of credits. Please reload your credits.
-1005	INVALID SMS TYPE	Your SMS type is not supported.
-1006	INVALID BODY LENGTH (1-900)	Your SMS body has exceed the length. Max limit = 900
-1007	INVALID HEX BODY	Your Hex body format is wrong.
-1008	MISSING PARAMETER	One or more required parameters are missing.
-1009	INVALID DESTINATION NUMBER	Invalid number
-1012	INVALID MESSAGE TYPE	Message contain unicode and please use type=2 for Unicode
-1013	INVALID TERM AND AGREEMENT	plaease add agreedterm=YES in your API

Note :
Please note that there would be no refund for user if the message has been failed to send out due to the following reasons :-

- Mobile is out of coverage for more than 24 hours.
- Mobile is switched off for more than 24 hours.
- Mobile storage is full for more than 24 hours.
- Mobile number does not exist or is barred by telco

Single Recipient	
Send SMS API via HTTPS:	https://smsportal.hostpro2u.com/isms_send.php
Send SMS by Phone Number to Single Recipient via HTTPS:	https://smsportal.hostpro2u.com/isms_send.php?un=hostpro2u&pwd=hostpro2u123&dstno=60123456789&msg=Hello%20World&type=1&sendid=12345
Send SMS by Group ID via HTTPS:	https://smsportal.hostpro2u.com/api_send_sms_by_group.php?un=hostpro2u&pwd=hostpro2u123&groupid=12345&msg=Hello%20World&type=1&sendid=12345
Send SMS by Recipient Name via HTTPS:	https://smsportal.hostpro2u.com/api_send_sms_by_name.php?un=hostpro2u&pwd=hostpro2u123&name=contact1&msg=Hello%20World&type=1
Multiple Recipient	
Separate each recipient with semi-colon(;) maximum 300 number per push	
Send SMS by Phone Number to Multiple Recipient via HTTPS:	https://smsportal.hostpro2u.com/isms_send.php?un=hostpro2u&pwd=hostpro2u123&dstno=60123456789;601254888999;6044478955&msg=Hello%20World&type=1&sendid=12345

Contact List	
Get Contact List Group via HTTPS:	https://smsportal.hostpro2u.com/api_list_of_contact_group.php?un=hostpro2u&pwd=hostpro2u123
Get Contact List Based on the Group ID via HTTPS:	https://smsportal.hostpro2u.com/api_list_of_contact.php?un=hostpro2u&pwd=hostpro2u&groupid=12345
Get All Contact List from Phone Book via HTTPS:	https://smsportal.hostpro2u.com/api_list_of_contact.php?un=hostpro2u&pwd=hostpro2u123

Contact Group	
Create New Group via HTTPS:	https://smsportal.hostpro2u.com/api_add_contact_group.php?un=hostpro2u&pwd=hostpro2u123&name=group1
Update Group Name via HTTPS:	https://smsportal.hostpro2u.com/api_edit_contact_group.php?un=hostpro2u&pwd=hostpro2u123&name=groupid=98765
Delete Group via HTTPS:	https://smsportal.hostpro2u.com/api_delete_contact_group.php?un=hostpro2u&pwd=hostpro2u123&name=groupid=98765

Server Response

Error Code	Error Description	Details
2000 = SUCCESS or EMPTY/BLANK	SUCCESS	Message Sent.
-1000	UNKNOWN ERROR	Unknown error. Please contact the administrator.
-1001	AUTHENTICATION FAILED	Your username or password are incorrect.
-1002	ACCOUNT SUSPENDED / EXPIRED	Your account has been expired or suspended. Please contact the administrator.
-1003	IP NOT ALLOWED	Your IP is not allowed to send SMS. Please contact the administrator.
-1004	INSUFFICIENT CREDITS	You have run out of credits. Please reload your credits.
-1005	INVALID SMS TYPE	Your SMS type is not supported.
-1006	INVALID BODY LENGTH (1-900)	Your SMS body has exceed the length. Max limit = 900
-1007	INVALID HEX BODY	Your Hex body format is wrong.
-1008	MISSING PARAMETER	One or more required parameters are missing.

API for SMS Task Scheduler

List All Task Schedule via HTTPS:	https://smsportal.hostpro2u.com/api_list_of_schedule.php?un=hostpro2u&pwd=hostpro2u123
Create New Task Schedule via HTTPS:	https://smsportal.hostpro2u.com/isms_scheduler.php?un=hostpro2u&pwd=hostpro2u123&dstno=60123456789&msg=Hello%20World&det=Task1&tr=onetime&type=1&sendid=12345&date=2020-01-28&hour=08&min=15&week=1&month=1&day=1

System will return Scheduler ID after success. (Scheduler ID will use to Update and Delete)

Parameter	Description	Sample
*un	Your Hostpro2u Username	Hostpro2u
*pwd	Your Hostpro2u Password	Hostpro2u
*dstno	Destination Number	60121234567, 60191234567
*msg	Message	Hello Hostpro2u
*det	Task Description	TEST
*tr	Trigger (onetime, daily, weekly, monthly)	onetime
*type	1 or 2 (1= normal, 2= unicode)	1
*sendid	Sender ID	Hostpro2u
*date	Start Date (YYYY-MM-DD)	2020-01-28
*hour	Hour (00 - 23)	08
*min	Minute (00, 15, 30, 45)	15
*week	Day of week (1-7)	1
*month	Month (1-12)	1
*day	Day of month (1-31)	1

List All Task Schedule via HTTPS:	https://smsportal.hostpro2u.com/isms_scheduler.php?un=hostpro2u&pwd=hostpro2u123&dstno=60123456789&msg=Hello%20World&det=My%20Task&tr=onetime&type=1&sendid=12345&date=2020-01-28&hour=08&min=15&week=1&month=1&day=1&scid=98765&action=update
-----------------------------------	---

Parameter	Description	Sample
*un	Your Hostpro2u Username	Hostpro2u
*pwd	Your Hostpro2u Password	Hostpro2u
*dstno	Destination Number	60121234567, 60191234567
*msg	Message	Hello Hostpro2u
*det	Task Description	TEST
*tr	Trigger (onetime, daily, weekly, monthly)	onetime
*type	1 or 2 (1= normal, 2= unicode)	1
*sendid	Sender ID	Hostpro2u

*date	Start Date (YYYY-MM-DD)	2020-01-28
*hour	Hour (00 - 23)	08
*min	Minute (00, 15, 30, 45)	15
*week	Day of week (1-7) Monday- Sunday	1
*month	Month (1-12)	1
*day	Day of month (1-31)	1
*scid	Scheduler ID	123456
*action	Action Parameter	update

List All Task Schedule via HTTPS:	https://smsportal.hostpro2u.com/isms_scheduler.php?un=hostpro2u&pwd=hostpro2u123&scid=98765&action=delete
-----------------------------------	---

Parameter	Description	Sample
*un	Your Hostpro2u Username	Hostpro2u
*pwd	Your Hostpro2u Password	Hostpro2u
*scid	Scheduler ID - return value from create new task scheduler	123456
*action	Action Parameter	delete

Send SMS with ASP

This guide is a guide provided by our Hostpro2u Malaysia Team. You will be given information on how to add SMS functionality to your website and how to send SMS with ASP code. This method uses HTTP communication between the SMS Gateway and your website. To send and receive SMS messages from a webpage, you will need to have scripting support enabled on your webserver. Below are some examples using ASP scripting.

Integrate our SMS API into your ASP.NET application and enjoy our SMS services.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Now you are ready.

Create a file called api_post.php in your host and paste the code below:

```
<%
    type = 1
    sendid = 123456
message = "Hello this is a test message"
    message =
Server.urlencode(message)
    from
= "SMS"
    address =
"https://smsportal.hostpro2u.com/isms_send.php"
    uname =
"yourusername"
    pword = "yourpassword"
selectednums = "yournumber"
    url = address & "?un=" & uname & "&pwd=" & pword & "&msg=" &
message &_
    "&from=" & from & "&dstno=" & selectednums & "&type=" & type &_
    "&sendid=" & sendid

    set xmlhttp = CreateObject("MSXML2.ServerXMLHTTP")
xmlhttp.open "GET", url, false
    xmlhttp.send ""
msg = xmlhttp.responseText
    response.write(msg)
set xmlhttp = nothing
%>
```

Send SMS with Java

Java is popular programming language and it can be used to develop many applications and solutions. To be able to send SMS messages, its capabilities need to be extended to communicate with mobile networks through Hostpro2u gateway.

Below, you can go through the scripts and API keys used to send SMS using Java.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Now you are ready.

The phone number parameter can be comma separated value, for instance "0123456789,0134567890". For sending to one recipient, pass the phone no as "01234567890"

1. Change the un (username)
2. Change pwd (password) with your username and password
3. Change the dstno (destination number) to your destination number with full country code

```
import java.io.*; import java.net.*; public class
hostpro2u { public static void main(String[] args) throws
Exception { try {
String user = "isms"; //user isms username
String pass = "isms"; //user isms password
String dstno = "6016xxxxxxx"; //You are going compose a message to this destination
number.
String str = "你好吗?"; //Your message over here
String msg = str.replace(" ", "%20"); int type = 2; //for
unicode change to 2, normal will the 1.
String sendid = "hostpro2u"; //Malaysia does not support sender id yet.
// Send data
URL myUrl = new URL("https://smsportal.hostpro2u.com/isms_send.php?un=" + user +
"&pwd=" + pass
+ "&dstno=" + dstno + "&msg=" + msg + "&type=" + type + "&sendid=" + sendid);
URLConnection conn = myUrl.openConnection(); conn.setDoOutput(true);
// Get the response
```

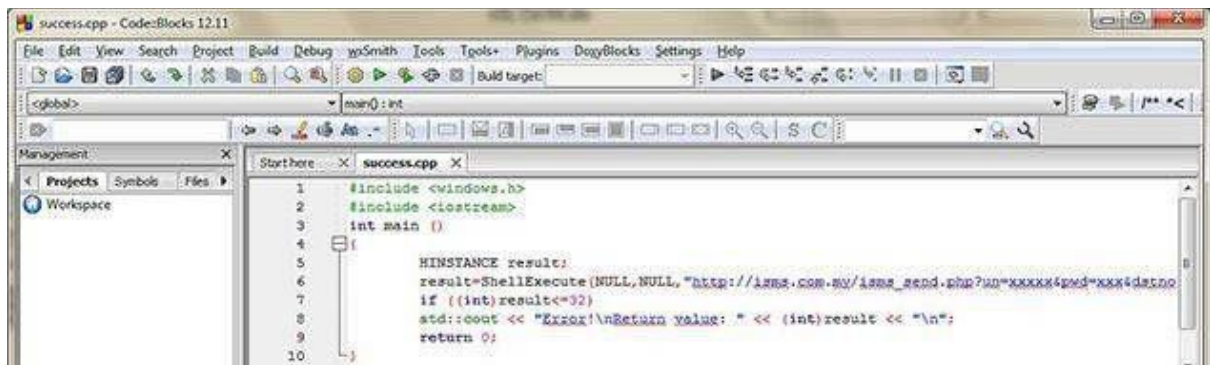


```
BufferedReader rd = new BufferedReader(new
InputStreamReader(conn.getInputStream()));
String line; while ((line = rd.readLine())
!= null) {
// Print the response output...
System.out.println(line);
}
rd.close();
```

```
System.out.println(myUrl); }
catch (Exception e) {
e.printStackTrace();
}
}
}
```

Send SMS with C++

You can send SMS from C++ using compilers such as Code Block or Visual Studio.



Below are some parameters you will need to change.

1. Change the un (username)
2. Change pwd (password) with your username and password
3. Change the dstno (destination number) to your destination number with full country code

```
#include
#include int
main ()
{
HINSTANCE result;
result=ShellExecute(NULL,NULL,"https://smsportal.hostpro2u.com/isms_send.php?un=xxxx
x
&pwd=xxx&dstno=xxxxxxxxxxxx&msg=xxxxxxx&type=1&sendid=xxxxxx",NULL,NULL,SW_SHOWDEFAULT
);
if ((int)result<=32)
std::cout << "Error!\nReturn value: " << (int)result << "\n"; return
0;
}
```

Send SMS with C#

This guide is a guide provided by our Hostpro2u Team. You will be given information on how to add SMS functionality to your website and how to send sms with C# code. This method uses HTTP communication between the SMS Gateway and your website. To send and receive SMS messages from a webpage, you will need to have scripting support enabled on your webserver. Below are some examples using C# scripting.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Now you are ready.

```
using System; using
System.Collections.Generic; using
System.ComponentModel; using
System.Data; using
System.Drawing; using
System.Linq; using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms; using
System.IO; using System.Web; using
System.Net;

namespace WindowsFormsApplication1
{
    public partial class Form1 : Form
    {
        public
Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {

```

```
}

private void button1_Click(object sender, EventArgs e)
{
    String message = HttpUtility.UrlEncode("Hello world!");

    SendsMSSToURL("https://smsportal.hostpro2u.com/isms_send.php?un=username&pwd=password
    & dstno=60123456789&msg=" + message + "&type=1&sendid=12345");
}

private string SendsMSSToURL(string getUri)
{
    string SentResult =
String.Empty;

    HttpWebRequest request = (HttpWebRequest)WebRequest.Create(getUri);

    HttpWebResponse response = (HttpWebResponse)request.GetResponse();
    StreamReader responseReader = new
StreamReader(response.GetResponseStream());

    String resultmsg = responseReader.ReadToEnd();
    responseReader.Close();
}
```

```
        int StartIndex = 0;
int LastIndex = resultmsg.Length;

        if (LastIndex > 0)
            SentResult = resultmsg.Substring(StartIndex, LastIndex);

        responseReader.Dispose();

        return SentResult;
    }
}
}
```

Send SMS with PHP

This guide is a guide provided by our Hostpro2u Malaysia Team. You will be given information on how to add SMS functionality to your website and how to send SMS with PHP code. This method uses HTTP communication between the SMS Gateway and your website. To send and receive SMS messages from a webpage, you will need to have scripting support enabled on your webserver. The scripting support can be PHP. Below are some examples using PHP scripting.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Now you are ready.

Create a file called api_post.php in your host and paste the code below. (Make sure you had installed PHP CURL)

```
<?php

    //We create our own function to submit our link
//Certain hosts do not support the usage of "fopen"
function ismscURL($link){

    $http = curl_init($link);

    curl_setopt($http, CURLOPT_RETURNTRANSFER,
TRUE);

    $http_result = curl_exec($http);

    $http_status = curl_getinfo($http, CURLINFO_HTTP_CODE);
curl_close($http);

    return
$http_result;
}

if(isset($_POST["submit"])){
$destination =
urlencode($_POST["dest"]);
```

```

$message = $_POST["msg"];

$message = html_entity_decode($message, ENT_QUOTES, 'utf-8');

$message = urlencode($message);

$username = urlencode("xxx");

$password = urlencode("xxx");

$sender_id = urlencode("66300");

$type = (int)$_POST['type'];

$fp = " https://smsportal.hostpro2u.com/isms_send.php";

$fp
.=
"?un=$username&pwd=$password&dstno=$destination&msg=$message&type=$type&sendid=$sender_id";

//echo $fp;

$result = ismscURL($fp);

echo $result;

}

?>

<html>

<head>

<title>API Sample</title>      <meta http-
equiv="Content-Type" content="utf-8">

</head>

<body>

<form method="post" action="api_post.php">

Destination: <input name="dest" type="text"><br>

Message: <textarea name="msg" rows="10"></textarea><br>

Type: <input type="radio" name="type" value="1" checked> ASCII <input
type="radio" name="type" value="2"> Unicode<br>

```

```
<input type="submit" name="submit" value="Send">
```

```
</form>
```

```
</body>
```

```
</html>
```


Send SMS with VB.net

This guide is a guide provided by our Hostpro2u Malaysia Team. You will be given information on how to add SMS functionality to your website and how to send sms with VB.NET code. This method uses HTTP communication between the SMS Gateway and your website. To send and receive SMS messages from a webpage, you will need to have scripting support enabled on your webserver. Below are some examples using VB.NET scripting.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Now you are ready.

Create a file called api_post.php in your host and paste the code below.

```
Private Function SendSMS(ByVal Test As Boolean, _
ByVal From As String, _
ByVal Type As String, _ ByVal
Message As String, _ ByVal
SendTo As String, _
ByVal URL As String) As String

    Const TransportURL As String =" https://smsportal.hostpro2u.com/isms_send.php"

    Const TransportUserNameAs String ="myusername"

    Const TransportPasswordAs String ="mypassword"

    Const TransportVerboseAs Boolean =True

    Dim strPost As String

    strPost = "un=" + TransportUserName _
+ "&pwd=" + TransportPassword _
+ "&msg=" + System.Web.HttpUtility.UrlEncode(Message) _
+ "&sendid=" + From _
+ "&type=" + Type _
+ "&dstno=" + SendTo
```

```
Dim request As WebRequest = WebRequest.Create(TransportURL)
request.Method = "GET"

Dim byteArray As Byte() = Encoding.UTF8.GetBytes(strPost)
request.ContentType = "application/x-www-form-urlencoded"
request.ContentLength = byteArray.Length

Dim dataStream As Stream = request.GetRequestStream()
dataStream.Write(byteArray, 0, byteArray.Length)    dataStream.Close()

Dim response As WebResponse = request.GetResponse()
dataStream = response.GetResponseStream()

Dim reader As New StreamReader(dataStream)

Dim responseFromServerAs String = reader.ReadToEnd()

reader.Close()
dataStream.Close()
response.Close()

If responseFromServer.Length > 0 Then
    Return responseFromServer
Else
    Return CType(response, HttpWebResponse).StatusDescription
End If
End Function
```

How to update Bulk SMS Task Scheduler with PHP code

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Create PHP file

Create a PHP file with the file name below. You may use any file name. It is advisable to create a without any empty spacing in the name.



3. Bulk SMS API Scheduler PHP Coding

```
<?php
```

```
$username = "hostpro2u";
```

```
$password = "hostpro2u";
```

```
$dstno = 6016xxxxxxx;
```

```
$msg = "text message over here";
```

```
$det = "TEST";
```

```
$tr = "weekly";
```

```
$type = 1;
```

```
$senderid = "hostpro2u";
```

```
$date = "2013-06-16";
```

```
$hour = 12;
```

```
$min = 45;
```

```
$week = 1;
```

```
$month = 1;
```

```
$day = 1;
```

```
$sendlink =
```

```
"https://smsportal.hostpro2u.com/isms_scheduler.php?un=".urlencode($username)."&pwd="
" .urlencode($password)."&dstno=".$dstno."&msg=".urlencode($msg)."&det="
urlencode($det)."&tr=".$tr."&type=".$type."&senderid=".urlencode($senderid)."&date="
$date."&hour=".$hour."&min=".
```

```
$min."&week=".$week."&month=".$month."&day=".$day;

$handle = fopen($sendlink, "r");

if ($handle) { while (($buffer = fgets($handle,
4096)) !== false) { echo "This is your task
scheduler ID : " . $buffer;
} if (!feof($handle)) { echo "Error:
unexpected fgets() fail\n";
} fclose($handle);
}

?>
```

After running the PHP file, a HTTP request will be initiated and the browser address bar will display the address as below:

```
https://smsportal.hostpro2u.com/isms_scheduler.php?un=hostpro2u&pw
d=hostpro2u&dstno=601xxxxxx&msg=hello&det=TEST&tr=onetime&type=1&s
en did=hostpro2u&date=2013-06-
14&hour=08&min=15&week=1&month=1&day=1
```

3. It works! The task scheduler is created.

How to Update Bulk SMS Task Scheduler With PHP Code

Besides creating Bulk SMS Task Scheduler using PHP, you can also update the task using similar methods.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Integrate Bulk SMS Task Scheduler PHP code into PHP file.



After retrieving the SCID, go to your PHP file and add in the code, as shown in the illustration below.

```
$scid = 12345 ; //this is the id user have obtained while created a task
```

```
<?php
```

```
$username = "hostpro2u";
```

```
$password = "hostpro2u123";
```

```
$dstno = 601xxxxxxx;
```

```
$msg = "testing message";
```

```
$det = "description";
```

```
$tr = "onetime";
```

```
$type = 1;
```

```
$senderid = "hostpro2u";
```

```
$date = "2013-12-12";
```

```
$hour = 12;
```

```
$min = 15;
```

```
$week = 1;
```

```
$month = 1;
```

```
$day = 1;
```

```
$scid = 12345 ; //scid get from the task scheduler you created
```

```
$action = "update";
```

```
$sendlink="https://smsportal.hostpro2u.com/isms_scheduler.php?un=".urlencode($userna  
m  
e)."&pwd=".urlencode($password)."&dstno="
```



```
.$dstno."&msg=".urlencode($msg)."&det=".urlencode($det)."&tr=".$str."&type=".$type."  
&sendid="
```



```
.urlencode($senderid)."&date=".$date."&hour=".$hour."&min=".$min."&week=".$week."&m  
onth="
```



```
.$month."&day=".$day."&scid=".$scid."&action=".$action; fopen($sendlink,  
"r");
```



```
?>
```

After SCID is amended, you can run the PHP file. A HTTP request will be initiated and the browser address bar.

3. It works! Bulk SMS API Task Scheduler is amended.

As you you log in again to check your bulk SMS task scheduler, the trigger and details has changed. This means you have successfully updated the task.

How to Delete Bulk SMS Task Scheduler with PHP Code

Delete task scheduler requires similar methods as updating task scheduler. You will need the SDID to delete the specific task that is created.

1. [Register an account](#) from Hostpro2u Bulk SMS Marketing Solutions.

2. Delete bulk SMS task scheduler PHP coding.

Add the PHP code below into your PHP file.

```
<?php
$username = "hostpro2u";
$password = "hostpro2u";
$scid = 56442;
$action = "delete";

$sendlink =
"https://smsportal.hostpro2u.com/isms_scheduler.php?un=".urlencode($username)."&pwd="
. urlencode($password)."&scid=".$scid."&action=".$action; fopen($sendlink,
"r");
?>
```

3. Success! The bulk SMS task scheduler is deleted.

After SCID is amended, you can run the PHP file in your browser.



A HTTP request will be initiated and the browser address bar will display the address as below.

```
https://smsportal.hostpro2u.com/isms_scheduler.php?un=
hostpro2u&pwd=hostpro2u&scid=123456&action=delete
```

If you login to your Hostpro2u Bulk SMS account, you will find that the task scheduler has been deleted from the SMS system.