OZEKI NG SMS Gateway

"The World's most reliable SMS gateway software!"

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OZEKI NG SMS Gateway - Product Guide

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PHP Developers!

Start by checking out the possible solutions on how to add SMS functionality to your website. Read the quick overview:

Beginners: **How to send/receive SMS with PHP...**

Send SMS using HTTP:

With PHP you can easily submit SMS messages using HTTP requests:

Send SMS (PHP + HTML form)

Send SMS (URL examples)

The Ozeki NG SMS Gateway can send incoming messages to your PHP website through HTTP GET and POST requests:

Receive SMS using PHP and HTTP

SMS from MySQL:

If your website has a MySQL database, check out the following information:

Send SMS from MySQL

Automated phone calls?

Ozeki Phone System XE VoIP PBX software is an advanced PBX built for automated voice calls and 2 way SMS messaging. It has outstanding APIs for software developers. It can be used for:

Phone calls from SQL
Phone calls from HTTP
Voice and SMS applications

Callcenter developers

If you are working on telephone solutions, please check out the Ozeki VoIP SIP SDK.
It can be used to create VoIP client and server software.

Contact Us!

Send SMS from a website (PHP)

Video tutorial: How to send SMS from PHP using HTTP

Download: php_sms_send_receive.zip

This guide gives information on how you can add SMS functionality to your website. The method I present uses HTTP communication between the SMS Gateway and your website. To send and receive SMS messages from a webpage you need to have scripting support enabled on your webserver. The scripting support can be PHP or ASP. The examples presented here are using PHP.

How to send SMS from a website?

The example I present here shows how to send an SMS message from your website by clicking on a button. The idea we use is to have an HTML form, that allows the website visitor to enter a phone number and the message text. This HTML form can be submitted by clicking on the "SEND" button. Once submitted the form variables will be processed by a PHP script. This PHP script will post the SMS message to the SMS Gateway (Figure 1). As you can see on Figure 1. The SMS Gateway and your webserver (your webserver is hosting your HTML Form and your PHP script) can be on two different computers. If you wish you can install the Ozeki SMS Gateway software and the webserver with the HTML Form and the PHP script to the same computer.
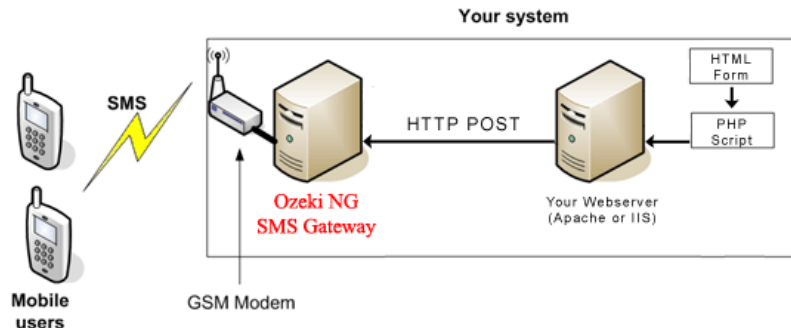

Figure 1 - Send SMS from a website

The first step in setting up this system, is to Install the Ozeki NG SMS Gateway to your computer and to verify, that you can send SMS messages from the gateway manually. After your SMS gateway is functioning you can create the HTML Form and the PHP script.

Ozeki NG SMS Gateway can be obtained by opening the download page:
Download Ozeki NG SMS Gateway!

Create the HTML Form for sms sending

To get this solution working you need to save the sendsms.html file into the WWW directory of your webserver. The sendsms.html file will contain the HTML Form that can be used to get the recipient telephone number and the message text from the website visitors. Here is the source of the sendsms.html file:

C:\www\sendsms.html

```
<html>
 <body>
   <h1>My SMS form</h1>
   <form method=post action='sendsms.php'>
   <table border=0>
   <tr>
     <td>Recipient</td>
     <td><input type='text' name='recipient'></td>
   </tr>
   <tr>
     <td>Message</td>
     <td><textarea rows=4 cols=40 name='message'></textarea></td>
   </tr>
   <tr>
     <td> </td>
```

If you wish to get further information, do not hesitate to contact us!

E-mail: info@ozekisms.com

If you have a technical question, please submit a support request on-line.

```
        <td><input type=submit name=submit value=Send></td>
    </tr>
    </table>
    </form>
  </body>
</html>
```

After you save this file, you can use a browser (Internet Explorer or Firefox) to open it (Figure 2). On the form you will seen an input box for the recipient field and the message text. The recipient field will take the telephone number (e.g. +4407776134588) and the message field will take the message text.
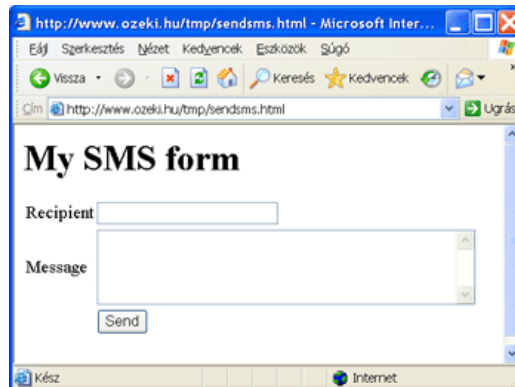

Figure 2 - open the SMS form in your browser

Please note that the form action tag points to the sendsms.php file. This means that the data entered by the website visitor will be posted to the sendsms.php file.

Prepare your PHP SMS script

As you can see the form target in this HTML form is the **sendsms.php**. The sendsms.php script will get the **recipient** and the **message** fields from the form and will build a URL to send the SMS message. This URL will be used to pass the SMS message to the SMS gateway. The URL is invoked in the PHP script using the **file** command. To get this script working you should configure the $ozeki_url variable to point to the SMS gateway. If you have installed the SMS Gateway to the same computer where your webserver is you can leave this untouched, otherwise you should change the IP address in the URL. The source code of the script is here:

C:\www\sendsms.php

```php
<?php

#######################################################
# Login information for the SMS Gateway
#######################################################

$ozeki_user = "admin";
$ozeki_password = "abc123";
$ozeki_url = "http://127.0.0.1:9501/api?";

#######################################################
# Functions used to send the SMS message
#######################################################
function httpRequest($url){
    $pattern = "/http...([0-9a-zA-Z-.]*).([0-9]*).(.*)/";
    preg_match($pattern,$url,$args);
    $in = "";
    $fp = fsockopen("$args[1]", $args[2], $errno, $errstr, 30);
    if (!$fp) {
        return("$errstr ($errno)");
    } else {
        $out = "GET /$args[3] HTTP/1.1\r\n";
        $out .= "Host: $args[1]:$args[2]\r\n";
        $out .= "User-agent: Ozeki PHP client\r\n";
        $out .= "Accept: */*\r\n";
        $out .= "Connection: Close\r\n\r\n";

        fwrite($fp, $out);
        while (!feof($fp)) {
            $in.=fgets($fp, 128);
        }
    }
    fclose($fp);
    return($in);
}


function ozekiSend($phone, $msg, $debug=false){
    global $ozeki_user,$ozeki_password,$ozeki_url;

    $url = 'username='.$ozeki_user;
    $url.= '&password='.$ozeki_password;
    $url.= '&action=sendmessage';
    $url.= '&messagetype=SMS:TEXT';
    $url.= '&recipient='.urlencode($phone);
```

```
              $url.= '&messagedata='.urlencode($msg);

              $urltouse =  $ozeki_url.$url;
              if ($debug) { echo "Request: <br>$urltouse<br><br>"; }

              //Open the URL to send the message
              $response = httpRequest($urltouse);
              if ($debug) {
                  echo "Response: <br><pre>".
                  str_replace(array("<",">"),array("&lt;","&gt;"),$response).
                  "</pre><br>"; }

              return($response);
}

#####################################################
# GET data from sendsms.html
#####################################################

$phonenum = $_POST['recipient'];
$message = $_POST['message'];
$debug = true;

ozekiSend($phonenum,$message,$debug);

?>
```

Once you have both: sendsms.html and sendsms.php installed, you can submit an SMS to the gateway. On a successful send the SMS gateway will return the message reference number (Figure 3). This number can be used to track the message inside the SMS Gateway.
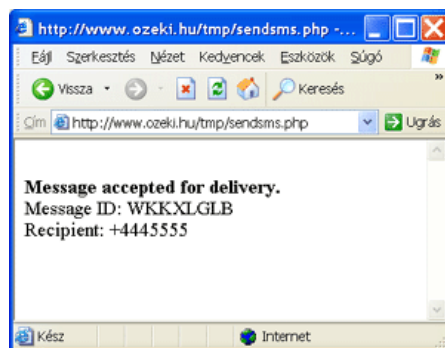

Figure 3 - Successful SMS sending

Useful information

In order to be able to use this PHP script, you need to have the Ozeki NG SMS Gateway software installed to your computer. After Ozeki NG SMS Gateway is installed and configured, change the value of the $ozeki_url variable in the above PHP script to reflect the IP address of your computer. In other words, if you install Ozeki NG SMS Gateway to the computer, that has an IP address of 101.102.103.104, you should change the http://127.0.0.1:9501/api? value to http://101.102.103.104:9501/api?. Note that the ip address 127.0.0.1 has been changed in the $ozeki_url variable.

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A similar method is described to send business cards as VCard SMS messages from PHP on the following URL: http://www.ozekisms.com/index.php?owpn=501

◼

Next page: Send VCard from website

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