

# 2-Way SMS User Guide

[www.2-WaySMS.com](http://www.2-WaySMS.com)

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## First of all

... You have to open an account in our system:

<http://cp.2-waysms.com> > *New Account Registration*

## Sending messages

Firstly you have to create SENDER ID through our control panel which is available at:

<http://cp.2-waysms.com> > *Sender ID's*

When you have to select the SENDER ID with status "Active" in the table on page to prepare script.

Your script should operate with the following parameters:

- \$id - Service ID
- \$sec - Secret
- \$to - Message receiver phone number in international format
- \$from - Sender ID
- \$text - Message content

## Sending messages through the HTTP protocol

### **Example of Sending messages using PHP:**

```
<?php
    $id = "123456";
    $text = "Hello World!";
    $to = "3725555555";
    $sec = "123456";
    $text = urlencode("$text");
    $url = "http://www.2-
waysms.com/sms.php?id=$id&sec=$sec&to=$to&text=$text
&from=$from";

    $ret = file($url);

?>
```

**Example of Sending messages using PHP with response:**

*Note: You have to use this example in case you would like to get delivery report.*

By using this script you will get message ID, current status and message cost as a response.

```
<?php

$url = "http://www.2-waysms.com/sms.php";
$postfields = array ("text" => "Hello World2!",
                    "to" => "3725555555",
                    "id" => "123456",
                    "sec" => "123456");

if (!$curl = curl_init()) {
    echo "Could not initialize cURL session.";
    exit;
}

curl_setopt($curl, CURLOPT_POST, true);
curl_setopt($curl, CURLOPT_POSTFIELDS, $postfields);
curl_setopt($curl, CURLOPT_URL, $url);
curl_setopt($curl, CURLOPT_RETURNTRANSFER, true);
$output = curl_exec($curl);
curl_close ($curl);

$out = explode('|', $output);

echo "Message ID: $out[0]";
echo "Message Status: $out[1]";
echo "Message Price (credits): $out[2]";

?>
```

## Delivery reports

In order to receive the delivery report, you must first have a script prepared.

The link to this script must be registered on our system and the registration is done through our control panel which is available at:

<http://cp.2-waysms.com> > Profile > Report URL

When you will receive the delivery reports. Your script should expect the following 2 parameters:

- \$mid - Message ID in 2-Way SMS network under your profile
- \$status - Message status

## Sending messages through the SMPP protocol

We provide SMPP connection for users with traffic more than one million messages.

For further assistance with SMPP connections please e-mail [info@2-waysms.com](mailto:info@2-waysms.com) or contact us on 24/7 internal messaging system on our web site.

<http://cp.2-waysms.com> > Support

## Receiving messages

You can use shared (Keyword) or dedicated (Virtual Mobile Number) solution for messages receiving.

In order to receive the messages, you must first create **KEYWORD** through our control panel which is available at:

<http://cp.2-waysms.com> > *Keywords*

## Receiving messages to Inbox

All messages sent to you will be automatically forwarded to your virtual Inbox:

<http://cp.2-waysms.com> > *Messages* > *Inbox*

## Receiving messages to E-mail

Select keyword with status "Active" in the table above, next press "Edit" button on the same row, beside your keyword. To forward all incoming message to your E-mail you have to switch "Forward to" parameter to "E-mail" and indicate your e-mail address in the field below, next, just press "Save" button.

## Receiving messages to script through HTTP

Select keyword with status "Active" in the table above, next press "Edit" button on the same row, beside your keyword. To forward all incoming message to your script you have to switch "Forward to" parameter to "URL" and indicate your script full address in the field below, next, just press "Save" button.

Your script should operate with the following parameters:

- \$mid - Message ID in 2-Way SMS network under your profile
- \$sender - Message sender phone number in international format
- \$receiver - Message receiver phone number in international format
- \$message - Message content
- \$keyword - The keyword part of the message.
- \$sig - Request signature that you may check, to make sure the request is originating from 2-Way SMS.

**Example of receiving messages using PHP:**

```
<?php

// check that the request comes from 2-Way SMS server
if(!in_array($_SERVER['REMOTE_ADDR'],
    array('213.239.218.38', '78.47.216.243'))) {
    die("Error: Unknown IP");
}

// check the signature
$secret = '123456'; // insert your secret between ''
if(!empty($secret) && !check_signature($_POST, $secret)) {
    die("Error: Invalid signature");
}

$sender = $_POST['sender'];
$message = $_POST['message'];

// do something with $sender and $message

$reply = "Thank you $sender for sending $message";

// print out the reply
echo($reply);

function check_signature($params_array, $secret) {
    ksort($params_array);

    $str = '';
    foreach ($params_array as $k=>$v) {
        if($k != 'sig') {
            $str .= "$k=$v";
        }
    }
    $str .= $secret;
    $signature = md5($str);

    return ($params_array['sig'] == $signature);
}

?>
```