

TECHNICAL DOCUMENTATION FOR INTEGRATION VIA HTTP (v. 4) and SMMP V3.4

ESTRATEC MASIV - SMS

API version 4.2 – Rev. 3 - June 14th 2017

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HTTP SMS sendmessage method for Estratec Masiv SMS V3.9.2 and up

This method is used to send SMS text messages via http.

Example URL Tests

<https://dev.stratec.com.co/Smsv3/sendhandler.ashx>

Example URL Request

<https://api.masivapp.com/SmsHandlers/sendhandler.ashx?action=sendmessage&username=USERNAME&password=PASSW&recipient=INTERNATIONALFORMATNUMBER&messagedata=HelloWorld&longMessage=false>

Note: api.masivapp.com has various IPs associated as it uses a CDN in order to provide the best possible performance and more reliability.

In case you use a firewall, please mark the following domains in your whitelist:

- <https://api.masivapp.com>
- <https://d3cr8pwwlsi1u.cloudfront.net>

In case you need a fixed IP address, you can make your requests to <https://api.masiv.co>, but it is not encouraged to use it as it is not as fast as the CDN solution and the example URL will be:

<https://api.masiv.co/SmsHandlers/sendhandler.ashx?action=sendmessage&username=USERNAME&password=PASSW&recipient=INTERNATIONALFORMATNUMBER&messagedata=HelloWorld&longMessage=false>

Example Response for messages under 160 characters long

```
<?xml version="1.0" encoding="utf-8" ?>
<response>
<action>sendmessage</action>
<data>
<acceptreport>
<statuscode>0</statuscode>
<statusmessage>Message accepted for delivery</statusmessage>
<messageid>35245856</messageid>
<originator>3027</originator>
<recipient>573151234567</recipient>
<messagetype>SMS:TEXT</messagetype>
```

```

    <messagedata>HelloWorld</messagedata>
</acceptreport>
</data>
</response>

```

Example Response for messages over 160 characters long

```

<?xml version="1.0" encoding="utf-8" ?>
<response>
  <action>sendmessage</action>
  <data>
    <acceptreport>
      <statuscode>0</statuscode>
      <statusmessage>Message accepted for delivery</statusmessage>
      <messageid>35245856</messageid>
      <originator>3027</originator>
      <recipient>573151234567</recipient>
      <messagetype>SMS:TEXT</messagetype>
      <messagedata>HelloWorld</messagedata>
    </acceptreport>

    <acceptreport>
      <statuscode>0</statuscode>
      <statusmessage>Message accepted for delivery</statusmessage>
      <messageid>35245856</messageid>
      <originator>3027</originator>
      <recipient>573151234567</recipient>
      <messagetype>SMS:TEXT</messagetype>
      <messagedata>HelloWorld</messagedata>
    </acceptreport>

  </data>
</response>

```

Request parameters

Parameter	Description	Possible values	Example	Optional
action	Specifies the HTTP command	Sendmessage	action=sendmessage	No
username	Specifies the username. The username and password parameters are used to authenticate the user.	string value, maximum length is 50 characters	username=admin	No

password	Specifies the password. The username and password parameters are used to authenticate the user.	string value, maximum length is 50 characters	password=abc123	No
originator	Specifies the sender address. This information will be displayed on the mobile phone that receives the message. This is the sender address. This can be a telephone number, a short code or an alphanumeric sender address.	string value, maximum length is 16 characters	originator=33535	Yes
recipient	Specifies the recipient phone number. The message will be sent to this telephone number. The telephone number must be specified in international number format without plus sign (e.g.573101234567).	string value, maximum length is 16 characters	recipient=573101234567	No
messagedata	Specifies the text or the data of the SMS message. The value must be encoded in UTF8.	string value, maximum length is 160 characters if parameter longMessage is not set or if parameter longMessage is equal to 'false'	messagedata=Hello World	No
longMessage	Enables the message to be segmented in blocks of 160 characters	Boolean value true or false	longMessage=false	Yes
sendondate	Specifies the date and time, when the message should be sent. The value must use the following date format: MM/DD/YYYY hh:mm:ss.	date value in MM/DD/YYYY hh:mm:ss format	sendondate=12/24/2010 10:00:00	Yes

Response parameters (xml response format) for success request

Parameter	Description	Possible values	Example
statuscode	Contains an integer value to indicate success or failure. If the value is 0, it means the message was accepted for delivery.	0	<statuscode>0</statuscode>
statusmessage	Contains a textual representation of the status code. If the message was accepted the value will be "Message accepted for delivery". If the message was not accepted for delivery, you can find the error message in this field.	string value, maximum length is 1024 characters	<statusmessage>Message accepted for delivery</statusmessage>
messageid	Contains a message reference that can be used to track the message in the SMS gateway. This message reference is also used to identify delivered to	string value	<messageid>ERFAV23D</messageid>

	network and delivered to handset reports or to query information about the message.		
recipient	Contains the recipient address. Do NOT include + or 00 before the country code.	string value, maximum length is 16 characters	<recipient>573101234567</recipient>

Example error response

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<response>
  <action>error</action>
  <data>
    <errorcode>1</errorcode>
    <errormessage>Invalid recipient.</errormessage>
  </data>
</response>
```

Response parameters (xml response format) for error request

Parameter	Description	Possible values	Example
errorcode	Contains an integer value to indicate the failure. See below table for list of errors.	Integer value, greater than 0. Less than 32768.	<errorcode>1</errorcode>
errormessage	Contains a textual representation of the error code.	string value, maximum length is 1024 characters	<errormessage>Message accepted for delivery</errormessage>

Code	Message	Description
1164	Mandatory http parameter is missing	One or more http required parameters are missing from the request.
1158	No action parameter specified in HTTP query.	The parameter "action" is missing from the request.
1157	Invalid username or password	The user name or password is not valid.
1156	Default Package not associated with user	The user must be enabled to send sms via http. Please contact Estratec.
8734	General exception, please contact Estratec:	An unhandled exception has occurred, please contact Estratec.
1	Invalid recipient.	The recipient number is not valid.

1159	Insufficient credits	Not enough credits to send the message. Please contact Estratec.
1160	Message is too long	Message content exceeds 160 characters

HTTP SMS getMessage method for Estratec Masiv

This method is used to get a specific SMS message.

Example URL Request

`https://api.masiv.co/SmsHandlers/Reporthandler.ashx?action=getMessage&username=USERNAME&password=PASSWORD&messageId=256875`

Example Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response>
  <action>getMessage</action>
  <data>
    <messageid>256875</messageid>
    <date>01/01/2013 17:25:30</date>
    <status>1</status>
  </data>
</response>
```

Request parameters

Parameter	Description	Possible values	Example	Optional
action	Specifies the HTTP command	getMessage	action= getMessage	No
username	Specifies the username. The username and password parameters are used to authenticate the user.	string value, maximum length is 50 characters	username=admin	No
messageid	Contains a message reference that can be used to track the message in the SMS gateway. This message reference is also used to identify delivered to network and delivered to handset reports or to query information about the message.	0-9999999999999	56587	No

password	Specifies the password. The username and password parameters are used to authenticate the user.	string value, maximum length is 50 characters	password=abc123	No
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Response parameters (xml response format)

Parameter	Description	Possible values	Example
messageid	Contains a message reference that can be used to track the message in the SMS gateway. This message reference is also used to identify delivered to network and delivered to handset reports or to query information about the message.	Integer value	<messageid>568546</messageid>
date	Specifies the date and time of the current sms' status. The value uses the following date format: MM/DD/YYYY hh:mm:ss. Dates are represented as UTC – GMT-0 Values.	Date value in MM/DD/YYYY hh:mm:ss format	<date>02/28/2013 23:59:59</date>
status	Contains a integer representation of the current status of the sms	Integer value. 0: Ready to send 1: Sending 2: Delivered to network 3: Delivered to handset (optional) 4: Delivery Error 5: General Error 6: Length Error	<status>1</status>

Status Code Description (xml response format)

Code	Message	Description
2000	Invalid ID	The parameter ID contains an invalid value or not existing value.
1164	Mandatory http parameter is missing	One or more http required parameters are missing from the request.
1158	No action parameter specified in HTTP query.	The parameter "action" is missing from the request.
1157	Invalid username or password	The user name or password is not valid.

8734

General exception, please
contact Estratec:

An unhandled exception has occurred, please contact
Estratec.

SMPP version 3.4 integration instructions

Estratec provides SMPP V 3.4 connections upon request and no special settings should be met by the user when using a standard gateway software.

One of our engineers will follow the client until the connection is fully functional and tested.

Authentication and security measures:

Each user will receive a username and password.

Also the client can provide us with their connection IP addresses in order to setup our firewall and block unauthorized connections when desired.

Connection settings:

The following is the basic information we provide once an SMPP connection account is enabled:

Server IP address:	108.168.165.XXX
Port:	9500
User name:	
Password:	
Protocol:	SMPP V3.4
Sending using binary (yes, no, both):	Both
Encoding:	ISO 8859-1

The setup is usually done in less than 24 hours.

Support contact

You can write us at the email address: soporte@masivian.com or call us +57 1 4322510 op 1