



Mobi SMS Gateway technical specification

February 2004

Ver 1.5

Establishing a connection to SMS Gateway

SMS Gateway connection means that you will receive SMS-messages from the users of your service. User of the service must send a message, which starts with the assigned keyword to the appropriate (short) number. Mobi has opened short numbers in several mobile networks in many countries. Therefore, you can receive messages from clients of all these mobile operators using the same unified interface.

There are several possible ways for you to receive the messages.

In case you just want to collect information or manually process messages, then it is possible to forward all the messages to your e-mail address. In addition, you may anytime see all the received messages together with sender's phone number and sending time, from web (Mobi Extranet, <https://www.mobi.ee/>).

In case you want to dynamically process the message or send a dynamic answer message according to the content of the received message, then it is possible to receive messages using HTTP requests.

The following is a short description of the HTTP interface of Mobi SMS Gateway.

HTTP interface

Mobi SMS Gateway will call an URL in your web-server as soon as it receives a message, which starts with the assigned keyword and is sent to the appropriate (short) number. Gateway adds relevant parameters to the URL (sender's phone number, keyword, text following the keyword, short number).

For security reasons, this URL should be password-protected (*htaccess*) and the script should check the IP of the caller. IP-address of Mobi SMS Gateway is 213.35.176.14,



therefore any requests that come from any other address should not be processed. It is also possible to use secured connection (i.e. HTTPS)

Example:

User with phone number +372 5665 8658 sends a message to the short number 1311 with the following content:

KEYWORD This is test

Gateway will then call the following URL:

http://www.yourserver.com/mobi/sms_receive.php?phone=37256658658&short=1311&keyword=KEYWORD&message=This+is+test

Parameters:

Mandatory:

phone – phone number of the user (international format, without the + sign)

message – message text without the preceding keyword and space

Optional:

short – short number where the message was sent to

keyword – assigned keyword

The answer to that request is sent back to the user as an answer message.

If you want to use a web-server that inserts some additional text in the beginning of the response (i.e. advertisements by free server providers), then you have to put the answer text between <reply>...</reply> marks.

Contact

Mobi Solutions Ltd.

Ruutli 6, 51007 Tartu, Estonia

www.mobisolutions.com

support@mobisolutions.com