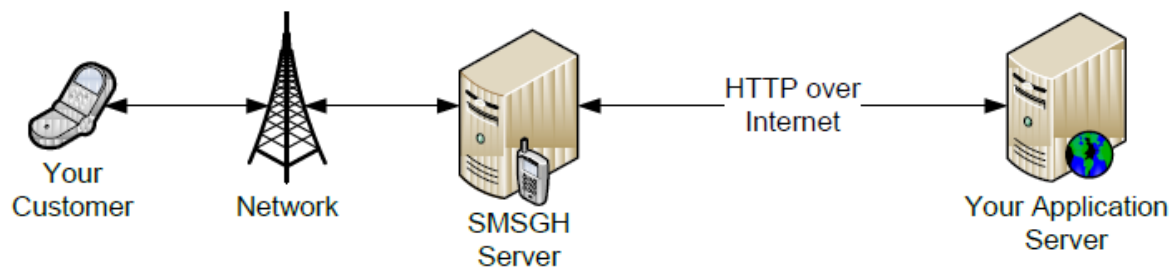




SMSGH 2-WAY HTTP API

Overview

The two-way messaging via HTTP is enabled through the use of a callback URL. The SMSGH messaging server will post the details via HTTP GET call to the callback URL provided. Your application may reply to the message through the HTTP response.



Mechanism

The provided callback URL will be used to post messages to your application via a standard HTTP 1.1 GET. You must make available this URL to SMSGH in order to start receiving messages.

The text message details are passed to your application as URL query string arguments.

Your application must respond with an HTTP status code of 200 or 202, and the reply message via the HTTP response body. The mime type of the HTTP response must be text/plain. Your application can decline to send a reply simply by sending an empty HTTP response body.

Your application URL may be SSL enabled; our messaging server supports TLS not SSL3. In addition our messaging server will not send messages to a server with an invalid certificate, so please make sure you SSL certificate has not expired.

HTTP Arguments

Argument	Description
from	The phone number of the customer.
to	The short code number
text	The message content
date	The message timestamp in the format yyyy-MM-dd HH:mm. For example the date will be formatted as (2010-24-05 18:00).

Requirements

1. Internet accessible callback URL.
2. Valid SSL certificate if using HTTPS.

Security Options

1. Verify that the web post is indeed coming from SMSGH in the application.
2. Firewall limiting access to only requests coming from SMSGH server.
3. End – to –end encryption via SSL.

Example:

For example if your application is hosted on <https://myapp.myserver.com/message>, the SMSGH server will post the message to

<https://myapp.myserver.com/message?from=xxx&to=xxx&text=xxx&date=xxx>

The **xxx** included in the URL are placeholders for the actual message variables. You can choose to use any variables you wish.

Your application will respond with HTTP status code 200 or 202 and optionally the reply message in the HTTP response body.

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