



SMSGlobal – SOAP-API
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SOAP-API

Contents

SOAP-API	3
Preface	3
Overview	3
Features	3
Sending a SOAP Request	4
WSDL	4
Login	5
Login Request	5
Login Response	5
Example	5
Sending SMS	6
Send SMS Request	6
Send SMS Response	6
Example	6
Sending 2-Way SMS	8
Send 2-Way SMS Request	8
Send 2-Way SMS Response	8
Example	9
Check Balance	11
Check Balance Request	11
Check Balance Response	11
Example	11
SMSGlobal Contact Details	13

SOAP-API

Preface

Welcome to the SMSGlobal SOAP-API. This document provides a reference for all features available to you via the SOAP Web Service for sending SMS.

Overview

The SOAP-API allows you to integrate your Client Application (Client) to SMSGlobal (Vendor) using the SOAP protocol. SOAP exchanges XML based messages over HTTP(S).

Features

Please find below a list of features for this API.

- Independent platform communication (Interoperability)
- Standard XML format
- Check account balance
- Interact with Phonebook programmatically
- 24/7 support via our support system

Sending a SOAP Request

SOAP methods can be called by sending a SOAP formatted XML document via HTTP POST to the following URL:

URL: <http://www.smsglobal.com/mobileworks/soapserver.php>

In the request header, the Content-Type should be set to “text/xml”, and the SOAPAction should be set to “urn:MobileWorks#METHODNAME”, where METHODNAME is the method you are attempting to call.

Please note, examples in this API are formatted for readability, but such formatting can cause issues depending on your usage.

An initial call to the method **apiValidateLogin** must be made prior to calling any other method. The **apiValidateLogin** method will accept both your SMSGlobal username and password as parameters. Upon response it will return an authenticated token.

This token will need to be passed into subsequent method calls to verify authorisation. The ticket remains valid as long as the request is made from the initial IP that invoked the method to obtain the ticket.

WSDL

The WSDL for this service can be found here:

<http://www.smsglobal.com/mobileworks/soapserver.php?wsdl>

Login

Login Request

To login, call the method **apiValidateLogin**

Parameter	Description	Presence
user	Your SMSGlobal username	Mandatory
password	Your SMSGlobal password	Mandatory

Login Response

The SOAP Response from SMSGlobal contains the following:

- ticket: A ticket used to validate future method calls.

Example

Below is an example Login Request when using the SOAP interface.

user: testuser
password: secret

Request:

```
<?xml version='1.0' ?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV=
"http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <ns1:apiValidateLogin xmlns:ns1="">
      <user>
        testuser
      </user>
      <password>
        secret
      </password>
    </ns1:apiValidateLogin>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<resp err="0">
  <ticket>
    88c1234b0abfee64841c2b3e11225353
  </ticket>
</resp>
```

Sending SMS

Send SMS Request

To send an SMS, call the method **apiSendSms**

Parameter	Description	Presence
ticket	The ticket used to validate this request, returned from a call to apiValidateLogin	Mandatory
sms_from	MSIDSN or Sender ID that the message will appear from. Eg: 61447100250 (Do not use + before the country code)	Mandatory
sms_to	MSIDSN of the recipient that the message will be sent to. Eg: 61447100250 (Do not use + before the country code)	Mandatory
msg_content	Message to be sent	Mandatory
msg_type	Deprecated. Should be set to 'text'	Mandatory
unicode	Deprecated. Should be set to '0'	Mandatory
schedule	To schedule the message to be sent some time/date in the future. Leave blank to send immediately. Time/Date format is: "yyyy-mm-dd hh:mm:ss"	Mandatory

Send SMS Response

The SOAP Response from SMSGlobal contains the following:

- dest: The number the message was sent to
- msgid: SMSGlobal Message Id
- bid: Unused

Example

Below is an example Login Request when using the SOAP interface.

ticket: 88c1234b0abfee64841c2b3e11225353
sms_from: 61447100300
sms_to: 61447100250
msg_content: Hello World
msg_type: text
unicode: 0
schedule: 2011-08-09 14:40:00

Request:

```
<?xml version='1.0' ?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV=
"http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <ns1:apiSendSms xmlns:ns1="">
      <ticket>
        88c1234b0abfee64841c2b3e11225353
      </ticket>
      <sms_from>
        61447100300
      </sms_from>
      <sms_to>
        61447100250
      </sms_to>
      <msg_content>
        Hello World
      </msg_content>
      <msg_type>
        text
      </msg_type>
      <unicode>
        0
      </unicode>
      <schedule>
        2011-08-09 14:40:00
      </schedule>
    </ns1:apiSendSms>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<resp err="0">
  <res>
    <dest>
      61447100250
    </dest>
    <msgid>
      6105674444031822
    </msgid>
    <bid>
    </bid>
  </res>
</resp>
```

Sending 2-Way SMS

Send 2-Way SMS Request

To send a 2-way SMS, call the method `api2WaySendSms`

Parameter	Description	Presence
ticket	The ticket used to validate this request, returned from a call to apiValidateLogin	Mandatory
sms_from	The sms_from field will be ignored in 2-Way SMS Requests, and should be left blank	Mandatory
sms_to	MSISDN of the recipient that the message will be sent to. Eg: 61447100250 (Do not use + before the country code)	Mandatory
msg_content	Message to be sent	Mandatory
msg_type	Deprecated. Should be set to 'text'	Mandatory
userfield	A user-defined string which will be posted back to the server to help determine which message is being replied to	Mandatory
unicode	Deprecated. Should be set to '0'	Mandatory
schedule	To schedule the message to be sent some time/date in the future. Leave blank to send immediately. Time/Date format is: "yyyy-mm-dd hh:mm:ss"	Mandatory

Send 2-Way SMS Response

The SOAP Response from SMSGlobal contains the following:

- dest: The number the message was sent to
- msgid: SMSGlobal Message Id
- bid: Unused

Example

Below is an example 2-Way Sms Request when using the SOAP interface.

ticket: 88c1234b0abfee64841c2b3e11225353
sms_from:
sms_to: 61447100250
msg_content: Hello World
msg_type: text
userfield: abc123
unicode: 0
schedule:

Request:

```
<?xml version='1.0' ?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV=
"http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <ns1:api2WaySendSms xmlns:ns1="">
      <ticket>
        88c1234b0abfee64841c2b3e11225353
      </ticket>
      <sms_from>
      </sms_from>
      <sms_to>
        61447100250
      </sms_to>
      <msg_content>
        Hello World
      </msg_content>
      <msg_type>
        text
      </msg_type>
      <userfield>
        abc123
      </userfield>
      <unicode>
        0
      </unicode>
      <schedule>
      </schedule>
    </ns1:api2WaySendSms>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<resp err="0">
  <res>
    <dest>
      61447100250
    </dest>
    <msgid>
      6144448152032236
    </msgid>
    <bid>
    </bid>
  </res>
</resp>
```

Check Balance

Check Balance Request

To check the credit balance of an account, call the method **apiBalanceCheck**

Parameter	Description	Presence
ticket	The ticket used to validate this request, returned from a call to apiValidateLogin	Mandatory
iso_country	Two character ISO Country code for the country you want to send SMS messages to. Eg: AU	Mandatory

Check Balance Response

The SOAP response from SMSGlobal contains the following:

- sms: The number of SMS messages which can be sent on the current account to the given country
- credit: The total number of credits remaining
- rate: The current credit credit to SMS rate for the given country

Example

Below is an example Balance Check Request when using the SOAP interface.

ticket: 88c1234b0abfee64841c2b3e11225353
iso_country: AU

Request:

```
<?xml version='1.0' ?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV=
"http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <ns1:apiBalanceCheck xmlns:ns1="">
      <ticket>
        88c1234b0abfee64841c2b3e11225353
      </ticket>
      <iso_country>
        AU
      </iso_country>
    </ns1:apiBalanceCheck>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Response:

```
<?xml version="1.0" encoding="UTF-8" ?>
<resp err="0">
  <sms>
    72.67
  </sms>
  <credit>
    174.40
  </credit>
  <rate>
    2.4
  </rate>
</resp>
```

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