

1. Send Message

URL: http://TUNNEL_URL

Direction: Customer -> SMSGW

Protocol: XML over HTTP

Method: POST

Content-type: text/xml; charset=UTF-8

Request:

1. Authorization

Define HTTP Header field "Authorization" should be format username:password and then encode to be BASE64 format

Example

Before encoding

Authorization: pichai:password

After encoding

Authorization: cGljaGFpOnBhc3N3b3Jk

2. Data in xml format

Tag Name	Mandatory	Value	Description
id	Yes	Integer 17 digits e.g. 00093350163340977	Transaction ID, create by yourself maximum 17 digits
msisdn	Yes	66XXXXXXXX or 09XXXXXXXX e.g. 668184522XX or 091234599	Receiver (One number per transaction) The number only.
msnlist	No	66XXXXXXXX,09XXXXXXXX	Receiver List If send to receiver list the "msisdn" parameter don't defined.
msgtype	Yes	E For english message T For thai message H For Binary content L For Wap Push(Link) U For unicode message (UTF-8 Encoding)	H :for Hex Content Example 0B0504C34FC002000304010101062D1F2A61 U : for Unicode Content Example アクセスされたページはアドレスが変更されたか、 削除された可能性があります。
msdata	Yes		Message
concat	No	false true	Join Message, If not specify the default value is "false"
title	No		Title for Wap Push or Linke message
sender	NO	e.g. Message01	It can not be over 11 characters The character, '\$', ']', '_', '\', '}', '@' cannot be sent as Sender. The Sender name have to pre-defined.
validperiod	No	1 2 3 6 12	The message time out, in case of the gateway retry to send the SMS. (Hours)

3. Example

Example #1 How to send plan text SMS

```
<?xml version="1.0" encoding="US-ASCII"?>
<transaction>
```

```

<id>00093350163340977</id>
<msisdn>668184522XX</msisdn>
<msgtype>E</msgtype>
<msdata>Hello SMS</msdata>
<sender>SMS</sender>
</transaction>

```

Example #2 How to send Thai SMS

```

<?xml version="1.0" encoding="UTF-8"?>
<transaction>
  <id>00093350163340977</id>
  <msisdn>668184522XX</msisdn>
  <msgtype>T</msgtype>
  <msdata>สวัสดี SMS</msdata>
  <sender>SMS</sender>
</transaction>

```

Example #3 How to send to multi receiver

```

<?xml version="1.0" encoding="US-ASCII"?>
<transaction>
  <id>00093350163340977</id>
  <msnlist>668184522XX,08184511XX</msnlist>
  <msgtype>E</msgtype>
  <msdata>Hello SMS</msdata>
  <sender>SMS</sender>
</transaction>

```

Example #4 How to send International SMS

```

<?xml version="1.0" encoding="UTF-8"?>
<transaction>
  <id>00093350163340977</id>
  <msisdn>818012395XXX</msisdn>
  <msgtype>U</msgtype>
  <msdata>アクセスされたページはアドレスが変更されたか、削除された可能性があります。</msdata>
  <sender>SMS</sender>
</transaction>

```

Response:

1. Parameter

Tag Name	Value	Description
id	Integer 17 digits e.g. 00093350163340977	Transaction ID
msgid	20040311130403	Message ID
status		Response code
desc		Description

2. Response code

Code (XX)	Response Message	Description
0	Success	Operation success
-101	Internal server error	The server encountered an internal error or misconfiguration and was unable to complete api user request.
-102	Authenticate fail	Invalid login information or incorrect defined HTTP Header field "Authorization"
-103	Connection to mobile operator fail	Network connection between SMS gateway

		and mobile operator gateway have problem
-104	SMSGW mobile operator error	Mobile operator gateway encountered an internal error
-105	Invalid profile	User profile is invalid
-106	Invalid data entry	The request could not be understood by the server due to malformed syntax or invalid indicated http content-type.
-107	Credit not enough	User not have enough credit balance to send the SMS.
-108	Invalid sender name	The sender name have to predefined by admin.

3. Example

```
<?xml version="1.0" encoding="US-ASCII"?>
<transaction>
  <id>00093350163340977</id>
  <msgid>20040311130403</msgid>
  <status>0</status>
  <desc>Success</desc>
</transaction>
```

How to find outbound IP address

The output of those command will be exactly outbound IP address

Remark: Please use those command on *your server*

Unix platform

```
#wget -qO- http://sms2.911itwist.com/htdocs/CheckIP.jsp
```

Windows platform

Open internet browser and goto "http://sms2.911itwist.com/htdocs/CheckIP.jsp"