



## SendQuick ASP (API2) HTTP API Guide

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# 1. Introduction

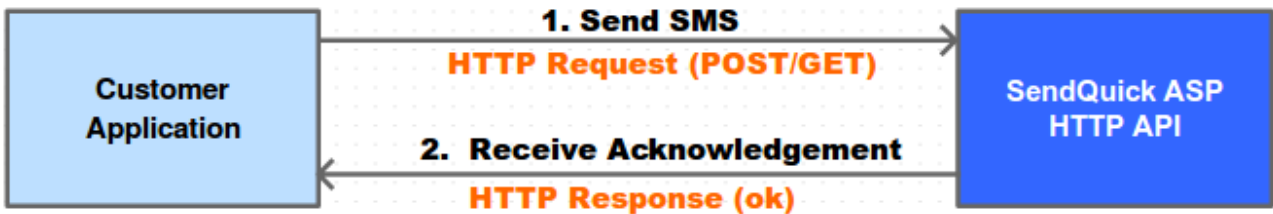
This document given an overview on how to send SMS via SendQuick ASP HTTP API. The SendQuick ASP HTTP API is provided the interface to send SMS by using HTTP method (POST or GET).

Two Send SMS approaches:

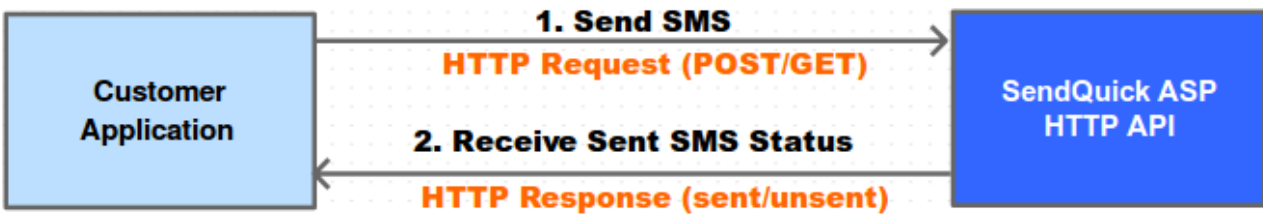
First approach is a batch SMS send which is sending same SMS message content to multiple mobile numbers with single HTTP request.

Second approach is a single SMS send which is sending one SMS message to one mobile number with single HTTP request.

Overall Communication Diagram – Batch SMS Send



Overall Communication Diagram – Single SMS Send



## Description:

1. Customer Application will need to initiate a HTTP API call to SendQuick ASP HTTP API and send the HTTP request message. SMS are text content messages and SMS information are sufficient to send via simple HTTP method (POST or GET). Both Customer Application and SendQuick ASP will be communicated via standard HTTP method.

2. Customer Application will receive acknowledgement (**ok**) for batch SMS sending and sent SMS status for single SMS sending (**sent/unsent**).

## 2. HTTP API

Customer need to subscribe an account from TalariaX for sending SMS via the HTTP API. Customer need to choose a SMS quota package; limited number of SMS or unlimited number of SMS; based on the volume of sending SMS requirement.

Additionally, Customer can register their application IP Address with TalariaX which is enable client IP Address checking on the SendQuick ASP HTTP API. It means the customer application which has the registered IP Address can send SMS using the subscribed account information.

TalariaX will provide the subscribed account information to access the HTTP API as below:

- (1) account username
- (2) account password
- (3) account caller ID

HTTP API URL for submitting SMS:

[http://www.sendquickasp.com/client\\_api/index.php](http://www.sendquickasp.com/client_api/index.php)

Total Parameter list:

1. **username**
2. **passwd**
3. **tar\_num**
4. **tar\_msg**
5. **callerid**
6. **route\_to**
7. **merchantid**
8. **trackid**

## 2.1 Batch SMS Send

No	Parameter*	Data Type ( Max Length )	Required	Description	Example
1	username	Alpha-numeric characters ( 20 )	Yes	The username provided by TalariaX.	<i>companyabc</i>
2	passwd	Alpha-numeric characters ( 20 )	Yes	The password provided by TalariaX	<i>companyabc123</i>
3	tar_num	numeric characters ( 500 )	Yes	Comman delimited mobile number format  The recipient mobile number. The number is international format. Thus, all number must provide the country code and area code if applicable ( without '+' character).	Comman delimited Singapore Mobile Number:  <i>6590010001,6590010002,6590010003</i>
4	tar_msg	Alpha-numeric characters ( 670 )	Yes	The message content which sent to the recipient. This string must be encoded into URL encoded string.	<i>Test%20Message.%0ASystem%20Sent</i>
5	callerid	Alpha-numeric characters ( 11 )	Yes	The callerid will be shown as the sender of the message on the recipient mobile handset.	<i>6581112222</i> Or <i>TalariaX</i>
6	route_to	Alpha-numeric characters (15)	Yes	The default value assigned by TalariaX for Blast SMS Sent.  <b>api_batch_sms</b>	
7	merchantid	Alpha-numeric characters (20)	No	Customer defined identification number of the blast SMS	<i>BlastSMS1</i>
8	trackid	Alpha-numeric characters (20)	No	Customer defined unique identification number of the batch SMS	<i>MSG0001121215</i>

**\*Parameters' name are case-sensitive.**

Example URL:

**http://www.sendquickasp.com/client\_api/index.php?username=companyabc&passwd=companyabc123&tar\_num=6590010001,6590010002,6590010003&tar\_msg=Test%20Message.%0ASystem%20Sent&callerid=6581112222&route\_to=api\_batch\_sms&merchantid=BlastSMS1**

### 2.1.1 Batch SMS Send - Status Code

No	Status	Description
1	ok	The parameters are received successfully.
2	unsent Sorry, missing input	The basic one of required parameters is missing. Please check the parameters.
3	unsent Sorry, invalid data	The required parameters' value is blank or is not defined or is incorrect format. Please check required parameter value.
4	unsent over maximum length (parameter: parameter name)	The parameter's value is over maximum length allowed. Please check length of parameter's value.
5	unsent Sorry, system will not process blank message.	The SMS message parameter' value is blank or is not defined. Please check tar_msg parameter value.
6	unsent Sorry, the handphone number is invalid	The mobile number parameter' value is incorrect format. Please check tar_num parameter value and provide number only.
7	unsent no registered account	The username is not found. Please check username parameter value.
8	unsent database error	The database related error is occurred. Please contact TalariaX for assistance.
9	unsent Invalid user or password	Please check username and password parameters value and provide correct username and password.
10	Access Deny	User can configure to allow access via configured IP address. The customer application which has configured the IP address can only access the API.
11	unsent no SMS quota	It is applicable for limited number of SMS package subscription.

## 2.2 Single SMS Send

No	Parameter*	Data Type ( Max Length )	Required	Description	Example
1	username	Alpha-numeric characters ( 20 )	Yes	The username provided by TalariaX.	<i>companyabc</i>
2	passwd	Alpha-numeric characters ( 20 )	Yes	The password provided by TalariaX	<i>companyabc123</i>
3	tar_num	numeric characters ( 50 )	Yes	The recipient mobile number. The number is international format. Thus, all number must provide the country code and area code if applicable ( without '+' character).	Singapore Mobile Number: <i>6590010001</i>
4	tar_msg	Alpha-numeric characters ( 670 )	Yes	The message content which sent to the recipient. This string must be encoded into URL encoded string.	<i>Test%20Message.%0ASystem%20Sent</i>
5	callerid	Alpha-numeric characters ( 11 )	Yes	The callerid will be shown as the sender of the message on the recipient mobile handset.	<i>6581112222</i> Or <i>TalariaX</i>
6	route_to	Alpha-numeric characters (15)	Yes	The default value assigned by TalariaX for Blast SMS Sent.  <b>api_send_sms</b>	
7	merchantid	Alpha-numeric characters (20)	No	Customer defined identification number of the message for grouping or categorizing	<i>AppSMS1</i>
8	trackid	Alpha-numeric characters (20)	No	Customer defined unique identification number of the message	<i>MSG0001121215</i>

**\*Parameters' name are case-sensitive.**

Example URL:

**[http://www.sendquickasp.com/client\\_api/index.php?](http://www.sendquickasp.com/client_api/index.php?)**

**username=companyabc&passwd=companyabc123&tar\_num=6590010001&tar\_msg=Test**

**%20Message.%0ASystem**

**%20Sent&callerid=TalariaX&route\_to=api\_send\_sms&merchantid=AppSMS1&trackid=MSG0001121215**

## 2.2.1 Single SMS Send - Status Code

No	Status	Description
1	sent	The message has been successfully delivered to the provider.
2	queued	The message has been queued, and waiting the success status returned from the provider.
3	unsent	The message cannot delivered. Please contact to TalariaX system administrator.
4	unsent Sorry, missing input	The basic one of required parameters is missing. Please check the parameters.
5	unsent Sorry, invalid data	The required parameters' value is blank or is not defined or is incorrect format. Please check required parameters' value.
6	unsent over maximum length (parameter: parameter name)	The parameter's value is over maximum length allowed. Please check length of parameter's value.
7	unsent Sorry, system will not process blank message.	The SMS message parameter' value is blank or is not defined. Please check tar_msg parameter value.
8	unsent Sorry, the handphone number is invalid	The mobile number parameter' value is incorrect format. Please check tar_num parameter value and provide number only.
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10	unsent database error	The database related error is occurred. Please contact TalariaX for assistance.
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13	unsent no SMS quota	It is applicable for limited number of SMS package subscription.