



MyMobileAPI
mymobileapi.com

HTTP Post URL Guide

TABLE OF CONTENTS

Introduction.....	3
Where do I set the URL for the API to post to?	3
How to use.....	3
Security.....	3
What will the API post to my web page?.....	3
Sent items - URL Post.....	4
Short Code - URL Post.....	5
Replies - URL Post.....	6
How is posting managed by the API?.....	7
What else should my webpage do?.....	7



INTRODUCTION

The SMS API gateway can post SMS delivery status and replies and short code messages to your server. Instead of polling for updates, the API can push this data to a server in real time.

Where do I set the URL for the API to post to?

Log into your SMS Gateway Providers website, where you created your account.

1. Select 'Account Settings' in the menu
2. Go to Section 'Forward data to URL'
3. Add a valid URL for 'Post sent items to URL'
4. Add a valid URL for 'Post replies to URL'
5. Save the changes.

How to use

An accessible webpage on a server is required that the API can send data to. The web page will process the received data. The web page can be created in any programming language and must be capable of reading data out of a URL, also known as the query string.

Your webpage must output the word TRUE to the page. This will tell the API that the post was successfully received. Not returning TRUE will be seen as a permanent post failure and reposts will not be attempted.

Security

To improve your security, you may decide to limit the traffic allowed to your servers. Our posts will originate from the following IP addresses:

84.22.178.192
84.22.178.193
94.229.168.181
94.229.168.180
62.233.96.216
62.233.96.217

Please ensure your servers are reachable from these addresses.

What will the API post to my web page?

Sent items includes delivery statuses for sent SMS, replies to outgoing SMS and received short code messages.

SENT ITEMS (DLR's) - URL POST

The API will post a URL similar to the following example to a webpage containing information about the sent item for a previously sent SMS.

<http://yourdomain.com/sentitems.html?ID=322004213&EventID=32433326&Phonenumber=27830123456&DataType=SMS&Data=This+is+sample+text&SentDataTime=15%2FJul%2F2009+14%3A04%3A22&Status=DELIVRD&CustomerID=whatever>

Field	Description
ID	This is a unique value (integer) for this specific line item.
EventID	The eventid is the same id that was provided by the API for the original outgoing SMS batch
Phonenumber	The number the message was sent to
DataType	'SMS' only
Data	The message sent
SentDataTime	The status date and time in the format 'dd/MMM/yyyy HH:mm:ss'
Status	Status can be 'DELIVRD', 'UNDELIV', 'EXPIRED', 'UNKNOWN'
CustomerID	This is a value that was passed in when send your data via the API

The process will post the message and read the response (output HTML) of your page. You need to output the phrase 'True' into the HTML as otherwise the sms gateway will post again. 5 retries are attempted.

We would suggest storing the ID along with your data and only updating your records if the ID is not present in your table.

Most clients will perform the matching based on the 'customerid' parameter.

SHORT CODE - URL POST

The API will post a URL similar to the following example to a webpage containing information about the received short code messages.

<http://yourdomain.com/shortcodeitems.html?ID=322004213&Message=Example+SC+Message&SC=12345&keyword=MatchedKeyword&mobile=27830123456>

Field	Description
ID	The Short Code Message Id.
Message	The Message Sent.
SC	The short Code
Keyword	The matched keyword.
Mobile	The mobile number that sent the message.

The process will post the message and read the response (output HTML) of your page. You need to output the phrase 'True' into the HTML as otherwise the sms gateway will post again. 5 retries are attempted.

We would suggest storing the ID along with your data and only updating your records if the ID is not present in your table.

REPLIES - URL POST

The API will post a URL similar to the following example to a webpage containing information about the reply received for a previously sent SMS.

Field	Description
IncomingID	This is a unique value (integer) for this specific line item.
Phonenumber	The number the message was sent to
IncomingData	Data received in the reply
IncomingDataTime	When the message was received by the server in the format 'dd/MMM/yyyy HH:mm:ss'
SentID	This is a unique value (integer) for this specific outgoing line item.
EventID	The eventid is the same id that was provided by the API for the original outgoing SMS batch
SentData	The message content sent
SentDataTime	The status date and time in the format 'dd/MMM/yyyy HH:mm:ss'
CustomerID	This optional variable can be an external user supplied reference
SentMessageGRPName	The name of the group the data was stored in. This will only be populated if the message was generated from the website.
SentMessageGRPDsc	The description of the group the data was stored in. This will only be populated if the message was generated from the website.
NumberValue1	The Value1 data of the number. This will only be populated if the message was generated from the website.
NumberValue2	The Value2 data of the number. This will only be populated if the message was generated from the website.
NumberValue3	The Value3 data of the number. This will only be populated if the message was generated from the website.
NumberValue4	The Value4 data of the number. This will only be populated if the message was generated from the website.
NumberValue5	The Value5 data of the number. This will only be populated if the message was generated from the website.
NumberValue6	The Value6 data of the number. This will only be populated if the message was generated from the website.

HOW IS POSTING MANAGED BY THE API?

The process will post the message and read the response (output HTML) of your page. You need to output the phrase 'True' into the HTML. Not returning TRUE will be seen as a permanent post failure and reposts will not be attempted. Temporary post failures will get retried 5 times.

We would suggest storing the ID along with your data and only updating your records if the ID is not present in your table to handle multiple submissions of the same event.

What else should my webpage do?

Apart from outputting the phrase True, we also recommend the following:

The data you receive should be stored (Cached/Queued) and processed separately from the response given. Any complex processing involving databases or other complex logic could cause a timeout and you may not receive the posted data again.

Please Use the CustomerId To match previously sent SMS to the delivery receipts (DLRs) or replies.