



SMS Sending HTTP-API





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Overview

This guide provides specifications of the HTTP based API provided by GO 2 MARKET INDIA PRIVATE LIMITED for the automated sending of SMS via the Internet. This guide is intended for developers planning on integrating their systems with G2M's SMS service. It also provides the information about sending the Unicode, Binary and WAP messages

Assumptions

This guide assumes that you are familiar with and have experience applying the following technologies and concepts:

- ❖ HTTP communications with the GET and POST methods for parameter through API
- ❖ A programming language such as ASP.NET, C# OR Java to integrate the HTTP URL with the Application
- ❖ Application designed in any of the above Language should be capable of capturing the Message ID (MID)

Required Environment

In order to use the HTTP based API, you will need to have a system that has internet connectivity on outbound port 80 (HTTP). This connectivity may be direct to the internet or may be via a firewall or proxy server.

Additionally, should you wish to receive delivery reports (DLRs) from the G2M system, you must have a web server that is able to receive incoming requests from the Internet on either port 80 (HTTP). This web server does not necessarily have to be running on the same machine that is sending messages to G2M.

This is one of the simpler server-based forms of communication. It can be used either in the form of a HTTP POST or HTTP GET. We recommend POST for larger data transfer and data security. All calls to the API must be URL-encoded. The parameter names are case sensitive.



G2M API Parameter specification

Whenever the Client Application hits the HTTP URL, it should include the following parameters as per the requirement. The following parameters should be used in the same order as given below to call HTTP API using POST or GET method.

Parameters supported by the API call include:

NAME	PARAMETER	DESCRIPTION	REQUIRED VALUE
User key	Ukey	ukey assigned to account	User Key
Destination Number	msisdn	Destination Address/mobile Number of the message	Destination Mobile No
SMS Content	language	0-For English,2-For Multilingual	Content Type
Nature of Account	credittype	1-Promo,2-Trans	Account Type
Sender ID	Senderid	Source address of the msg	Sender ID
Template Id	templateid	0-Type Msg, templateid greater than 0- Get Msg from Template	Template Id
Message	Message	Text content of the msg (length should not cross 1530 characters if concatenation is on, or 160 characters for 8bit msg; 70 characters for Unicode	Body of the msg



Sample HTTP URL Format

The below HTTP API can be used by Client to send the messages to G2M's Server. A sample of the URL could be in the below format

```
http://125.16.147.178/webresources/CreateSMSCampaignGet?ukey=JdG9DFEpe4DQJ0F83z27jr5U59fSs  
cX67wVyTuu8SvE=&msisdn=98xxxxxxx&language=0&credittype=1&senderid=PROMOA&templateid=0&  
message=Hello
```

On Successful API

(1) Current Response

```
{"Status": "Success", "inserted": 1, "rejected": 0, "Value": "Inserted Records:->  
1, Rejected Record:->0", "creditused": 1, "value": "Inserted Records:-> 1, Rejected  
Record:->0", "status": "success", "leadid": 21524}
```

(2) To be Implemented

```
{"value": "accepted", "status": "success"}
```



Error Codes

The following error codes may be displayed while hitting the HTTP API if there is any wrong parameter entered or issue with the Account:

Code	Description
Error_18	Order id Not Found
Error_41	reference No Invalid
Error_57	reference No Already Canceled
Error_42	reference No Not Canceled
Error_1001	param Not Exist
Error_1002	param Invalid
Error_1003	param Empty
Error_1004	param Value Invalid
Error_1005	json Exception
Error_1006	sql Exception
Error_1007	null Pointer Exception
Error_1008	connection Exception
Error_1009	uKey Invalid
Error_1010	user ID Invalid
Error_1011	user Row ID Invalid
Error_1012	user Validity Expired
Error_1013	validity Expired
Error_1014	reference No Empty
Error_1015	table Not Exist
Error_1016	data Not Exist
Error_1017	validation Error
Error_1018	lead id Not Found
Error_1019	lead id Invalid