

## MagtiCom SMS Query service

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### Overview

MagtiCom subscribers can request information provided by MagtiCom client by sending SMS on short number. Client will reply by SMS Query service.

Service is running on HTTP port 80.

VPN connection is required between MagtiCom host and client host.

All requests made by client must be URL-encoded.

Client can use either HTTP POST or GET in their requests.

Client can have one or more SMS short number(s) (xxxx) identified by unique service\_id.

MO messages sent to short number will be routed to HTTP URL given by client.

Client will be provided by username, password, client\_id. Also with service\_id for each short number.

### MO Message Parameters

Each MO message will be routed to URL (return path) given by client for each service\_id:

*http://client\_host/script?*

*client\_id=1212&service\_id=123456&message\_id=1234&from=+9955xxxxxxx&text=subscribers\_text*

Parameters:

client\_id – unique client ID provided by MagtiCom

service\_id – unique service ID provided by MagtiCom

message\_id – unique message id generated by VAS API

from – subscribers MSISDN (+9955xxxxxxx)

text – sms text

### MT Message Parameters

Every MT message should be sent in reply to MO message.

URL: <http://81.95.160.47/bi/sendsms.php?>

Parameters:

required:

username – client's username provided by MagtiCom

password – client's password provided by MagtiCom  
client\_id – unique client ID provided by MagtiCom  
service\_id – unique service ID provided by MagtiCom  
message\_id – unique message id generated by VAS API  
type – info, text (info messages used for error handling. subscriber will not be charged)  
to – subscriber's msisdn  
text – message text (7 bit – 160 chars, 8 bit – 140, Unicode – 70)

optional:

charge - used when account is configured for dynamic price. Ammount must be in Tetris (1 GEL = 100 tetri).

### **Return Codes:**

0000 - message\_id - Operation successful  
0001 - Internal error  
0002 - No charge given  
0003 - Invalid Request  
0004 - Invalid query  
0005 - Empty message  
0006 - Prefix error  
0007 - MSISDN error  
0009 - Negative Balance

### **Message Status Tracking**

Client can track down message state accessing special URL and issuing parameters:

<http://81.95.160.47/bi/track.php?>

Parameters:

username – client username  
password – client password  
client\_id – unique client ID provided by MagtiCom  
service\_id – unique service ID provided by MagtiCom  
message\_id – unique message id recieved with mt message

### **Reply Codes:**

1 - Delivered to phone  
2 - Not Delivered to Phone  
4 - Queued on SMSC  
8 - Delivered to SMSC  
16 – Not Delivered to SMSC.

Customer can check message status during next 24 hours. If after 24 hours reply will NOT be “1 - Delivered to phone”, this means that this message will be removed from queue and will not be delivered to

subscriber. Customer can resend this message.

*Example:*

*Subscriber send sms on short number. Customer get MO Message:*

*http://client\_host/script?  
client\_id=999&service\_id=999&message\_id=1234&from=+995599123456&text=subscribers\_t  
ext*

*http://81.95.160.47/bi/sendsms?  
username=TestUser&password=TestPassword&client\_id=999&service\_id=999&to=  
%2B995599123456&message\_id=1234&text=Test*

*In case of successful operation customer will get answer:*

*0000 – 12345678*

*where 12345678 is a MT Message ID.*

*To track status of this message customer must use following URL:*

*http://81.95.160.47/bi/track.php?  
username=TestUser&password=TestPassword&client\_id=999&service\_id=999&message\_id=12  
345678*