



HTTP-API Manual

Mar 2020

ver 11.0

Introduction

The HTTP-API allows you to integrate your application to HTD using the HTTPS protocol to send SMS.

The client issues either a HTTP GET or POST request to the HTD HTTP interface supplying a list of required parameters. HTD issues back a HTTP response which indicates the validity of the transaction.

1. Sending SMS – HTTP API

URL: https://sms.HTD.ps/API/SendSMS.aspx	
Parameter	Description
id	Your API ID that can be re-generated in “My Account” page.
sender	Sender ID that the message will appear from.
to	MSIDSN of the recipient that the message will be sent to (970500000000).
msg	Message to be sent. Must be URL encoded.
mode	0: One destination in “to” parameter and return a simple response message. 1: Up to 100 destinations (,) and return a response for each destination with message ID.

2. Sending SMS – Web Service

URL: https://sms.HTD.ps/API/SendSMS.asmx Method (string): SubmitSMS		
Parameter	Type	Description
MYID	string	Your API ID that can be re-generated in “My Account” page.
Originator	string	Sender ID that the message will appear from.
Destination	string	MSIDSN of the recipient (international format: 97059xxxxxx)
Message	string	Message to be sent.
GetMsgID	string	0: Return a simple response message (see API HTTP Response). 1: Return destination and message ID , sample: OK/970599xxxx:643078d4056206e54624
IsDemo	string	0: Live, message will be sent. 1: For testing purposes; messages will not be sent.

3. Get Credit

URL: <https://sms.HTD.ps/API/GetCredit.aspx>

Parameter	Description
id	Your API ID that can be re-generated in “My Account” page.

4. Delivery Report Callback

Delivery reports may be forwarded to the customer application instead of read them manually on the web account. The DLR callback URL can be set in “My Account” page. The URL must begin with <http://> and it is important to be sure that your DLR page is highly available as failed requests will be discarded.

Sample: <http://www.YourDomain.com/dlr.aspx>

DLR HTTP Request

Find below a list of parameters when issuing a HTTP Request to your DLR page.

Parameter	Description
id	Message ID to match it with your records
status	<p>The status of the message:</p> <ul style="list-style-type: none">• SCHEDULED: The message is scheduled for later sending.• ENROUTE: The message is enroute.• DELIVERED: The message was successfully delivered.• EXPIRED: The SMSC was unable to deliver the message in a specified amount of time. For instance; when “subscriber absent” or the phone was turned off.• DELETED: The message was deleted.• UNDELIVERABLE: Message undeliverable, mostly because of invalid destination number or message was sent to non-GSM number.• ACCEPTED: Message accepted for further processing.• UNKNOWN: Unknown error occurred.• REJECTED: Message rejected, mostly because of improper message settings.• SKIPPED: The message was skipped.
error	<ul style="list-style-type: none">• UNKNOWN_SUBSCRIBER:• ABSENT_SUBSCRIBER:• QUEUE_FULL:• BLACK_LISTED:• SMS_NOT_SUPPORTED:

5. API HTTP Response:

Response	Description
Authentication Failed	The account could not be found
Message Sent Successfully	The message has been forward to the gateway
Insufficient Credit	Insufficient credit to complete the process
IP Not Allowed	The IP of the request doesn't match your security settings
Invalid ID Parameter	ID parameter is empty or has invalid characters
Invalid SENDER Parameter	SENDER parameter is empty or has invalid characters
Invalid TO Parameters	TO parameter is empty or has invalid characters
Invalid MSG Parameter	MSG parameter is empty or has invalid characters
Sender Not Allowed	Sender name could not be found or still not approved.
No Valid Recipients!	The request could not be completed due to no valid recipients
Invalid Recipient	Recipient number is not numeric or has invalid characters
Validation Failed	The request failed due to validation failure
Internal Error Occurred	An internal error occurred while processing
System is upgrading	The system is upgrading and no requests could be handled

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