

TEXTIT.BIZ

HTTP(S) API - TECHNICAL MANUAL

[SMS]

Rev 1.5 [08-09-2017]

The [TEXTIT.BIZ](#) HTTP API has been designed to provide a straightforward method of integrating 3rd party applications with the TEXTIT.BIZ messaging platform. Such integration requires skills and knowledge that are familiar to web-developers/programmers alike, and this manual provides the technical guidance required.

ENSURE THAT THIS MANUAL IS READ BEFORE YOU COMMENCE THE DEVELOPMENT OR MODIFICATION OF YOUR APPLICATION.

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Overview

This API Reference lays out the specifications for the TEXTIT.BIZ HTTP API which describes the routines initiated by Client Applications:

Broadcast - To send SMS (individually or in bulk).

Check_Credit - To query the available credit on an account.

Calling a Routine

This API uses a basic HTTP client-server model as described below.

Step #1: Compile the Query String

The first step is to compile all of the routine's associated parameter names and their corresponding URL encoded values in the form of a query string.

For example: param1=value+1¶m2=value+2

Step #2: Issue the Request

Once the query string has been compiled, the Client Application should issue an HTTP Request (containing the query string) to the given URL in the corresponding section

All HTTP Requests can be made using either GET or POST methods.

Step #3: Parse the Response

Once issued, the Client Application should use the header of the API's HTTP Response to identify whether the request was issued successfully or not. That is to say, the Client Application should only consider a request as having been delivered successfully when a "200 OK" status is returned, in which case the body of our HTTP Response will contain the outcome of the routine.

Broadcast

Client Requests

URL : [http://www.textit.biz /sendmsg/index.php](http://www.textit.biz/sendmsg/index.php)

Parameter	Description	Expected values	Status	Notes
id	Account Username	Alphanumeric	Mandatory	Case Sensitive
pw	Account Password	Alphanumeric	Mandatory	Case Sensitive
to	Recipient(s) Mobile Number	Numeric	Mandatory	Multiple Recipients can be added by using commas Eg. 772823050,772823051,....
from	Originator	Alphanumeric	Optional	NOT AVAILABLE TO NETWORKS IN SRI LANKA
text	Message to be sent	Alphanumeric (Encoded with UTF-8)	Mandatory	Maximum of 600 Characters, Textit.biz SMS Length is 120Characters.
eco	Selects economy route to send messages	Y N [Default]	Optional	low cost option. usually 50% of normal SMS cost. speed of delivery are given a lower priority.
reply	Replies forwarded to registered mobile number	[PHONE] Y N [Default]	Optional	Y – Replies forwarded to registered phone number [PHONE] – Replies forwarded to the phone number specified in [PHONE] Ex.reply=94123456789&....
url	Replies will be posted to given url	URL	Optional	Replies will be posted to the given URL with GET method variables, Phone & Text
ref	Pass-through Variable	Alphanumeric	Optional	Only shows in reports and account overview page for your reference

API Response

If the routine failed, the first 5 characters of the body will be the word 'Error' followed by an error code and/or description.

For example: Error:to_invalid

If the routine was executed successfully, first 2 characters of the body will be the word 'OK' followed by Route Identifier , unique Message Identifier code and recipient mobile number. For example:

OK:Route=RG_DIR, MessageID=55D7FCE7, Recipient=1234567890

Broadcast Examples

Example 1

```
http://www.textit.biz/sendmsg/index.php?id=000000000&password=0000&text=This+is+a+sample+message.&to=9876543210&from=OurCompany
```

In this example, a plain SMS “This is a sample message” is being sent to Mobile Number 9876543210 from senderID ‘OurCompany’ a random number will be displayed on unsupported networks.

Example 2

```
http://www.textit.biz/sendmsg/index.php?id=000000000&password=0000&text=This+is+a+sample+message.&to=9876543210,8765432101,7654321012
```

In this example, a single message is being sent to multiple recipients.

Example 3

```
http://www.textit.biz/sendmsg/index.php?id=000000000&password=0000&text=This+is+a+sample+message.&to=9876543210,8765432101,7654321012&url=www.mywebsite.com/example.php
```

In this example, Replies to this SMS will be posted to <http://www.mywebsite.com/example.php>

eg. if the recipient “9876543210” reply to this SMS with the text “MY REPLY”, the gateway will post the reply to the given url as below

```
http://www.mywebsite.com/example.php?phone=987654321&text=MY+REPLY
```

Example 4

```
http://www.textit.biz/sendmsg/index.php?id=000000000&password=0000&text=This+is+a+sample+message.&to=9876543210&reply=Y
```

In this example, if the recipient reply to the SMS, the reply will be forwarded to the registered phone number.

Example 5

```
http://www.textit.biz/sendmsg/index.php?id=000000000&password=0000&text=This+is+a+sample+message.&to=9876543210&reply=94123456789
```

In this example, if the recipient reply to the SMS, the reply will be forwarded to the '94123456789' Phone Number

Multi Language Text Messages

Textit.biz supports virtually any language characters through UTF-8 Charset.

Multi Language messages can be used if you need to send characters not available within an ordinary text message (e.g. Sinhalese, Arabic, Hindi, Tamil, Japanese). A Multi Language SMS can contain maximum 60 characters per message. Multi Language messages are sent by using UTF-8 charset.

Please also be aware that while most mobile phones support the usage of multi-language characters, there are some exceptions with older feature phones, which may have trouble displaying them in the correct format.

Example to send සිංහල text (*sinhala* in Sinhalese language)

```
http://textit.biz/sendmsg/index.php?id=0000000000&pw=0000&to=123456789&text=%E0%B7%83%E0%B7%92%E0%B6%82%E0%B7%84%E0%B6%BD
```

Text Message Delivery Status Check

Client Request

URL : <http://www.textit.biz / statchk/index.php>

Parameter	Description	Expected values	Status	Notes
Id	Account username	Alphanumeric	Mandatory	Case Sensitive
Pw	Account password	Alphanumeric	Mandatory	Case Sensitive
query	Recipient's Mobile Number	Numeric	Mandatory	Can be in either International format (94772823050), 10 Digit (0772823050) or 9 digit (772823050)

Example

<http://textit.biz/statchk/index?id=00000000000&pw=0000&query=123456789>

API Response

Assuming that the Status check routine was executed successfully, the body of the API's response (i.e. the result) will contain the Delivery Status, Unix Timestamp, Normal time in the format of (dd-mm-yy h:m:s).

Eg. STATUS:DELIVRD-P,1461315850,22-04-16 09:04:10

- DELIVRD-P or DELIVRD – Message Successfully Delivered
- SENT-P or SENT – Message Successfully Sent – No delivery report Received
- FAILED –P or FAILED – Message Delivery Failed
- PENDING-P or PENDING – Message Sent, Pending Delivery
- QUEUED-P or QUEUED – Message Queued for sending

If the routine failed, the response (i.e the result) will contain the error code.

Eg. ERROR:NOTFOUND



- Status Check routine only query records within the last 24 hours
- It may take up to 10 minutes to update the delivery status of a sent message

Check Credit

Client Request

URL : <http://www.textit.biz /creditchk/index.php>

Parameter	Description	Expected values	Status	Notes
id	Account username	Alphanumeric	Mandatory	Case Sensitive
pw	Account password	Alphanumeric	Mandatory	Case Sensitive

API Response

Assuming that the Check_Credit routine was executed successfully, the body of the API's response (i.e. the result) will contain the credit available on your account. The value is numeric and may contain decimal points.

If the routine failed, the response (i.e. the result) will contain the error code.

Example

<http://www.textit.biz/creditchk/index.php?id=000000000&password=0000>

Error Codes and Descriptions

Error:Ins_Crd

Insufficient credits on the relevant balance.

Error:to_invalid

An invalid destination number or a blank value has been supplied.

Error:Auth_Fail

The account's credentials could not be verified.

Error:Usr_Invalid

The format of the supplied User ID is Invalid.

Error:NotFound

No record found in the query