TEXTIT.BIZ

HTTP(S) API - TECHNICAL MANUAL

[SMS]

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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.

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&param2=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 : **https://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	Pre Approved Sender IDs (Masking) Only
Text	Message to be sent	Alphanumeric (Encoded with UTF-8)	Mandatory	Maximum of 600 Charactors, Textit.biz SMS Length is 120Characters.
Ref	Pass-through Variable	Alphanumeric	Optional	Only shows in reports and account overview page for your reference
Schd	Schedule SMS Sending	YYYY-MM-DD_HH:MM Or YYYYMMDDHHMM	Optional	SMS Send Date / Time in below formats Eg. schd=2021-01-31_23:59 or schd=202101312359

API Response

If the routine failed, the first 3 characters of the body will be the word 'Err' followed by an error code and/or description.

For example: Err:WrongDestinationDN

If the routine was executed successfully, first 2 characters of the body will be the word 'OK' followed by Number of recipients , Message type and Number of characters in the message and result

 For example:

OK:1-MSG_GSM-14 Uploaded_Successfully

Broadcast Examples

Example 1

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

In this example, a plain SMS "This is a sample message" is being sent to Mobile Number 9876543210.

Example 2

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

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

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). Multi Language messages are sent by using UTF-8 charset and billed in blocks of 65 characters.

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)

> https://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

Recipient Number Formats

Sri Lankan Recipients

If the recipient number is a Sri Lankan phone number, all below formats are supported.

[CountryCode][AreaCode][PhoneNumber]

Eg. 94772823050

[AreaCode][PhoneNumber]

Eg. 0772823050

[AreaCode][PhoneNumber] without leading Zero

Eg. 772823050

[!] Do not use internation prefix '00' in local numbers (ex. 0094772823050). This may route your message through international servers and may charge a premium rate and / or delivery may fail

International Recipients

If the recipient number is a Non-Sri Lankan phone number, below format must be used to ensure delivery.

[InternationalPrefix][CountryCode][AreaCode][PhoneNumber]

Eg. 0094772823050

Please note "+" is NOT supported. 00 Must be used instead of +

Message delivery may affected if you do not use the international prefix "00"

Check Credit

Client Request

URL : **https://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 Credit check routine was executed successfully, the body of the API's response (i.e. the result) will contains the credit available on your account. The value is numeric and may contain decimal points.

Example

https://www.textit.biz/creditchk/index.php?id=000000000&pw=0000

Error Codes and Descriptions

Err:All_Parameters_required

Malformed request or Request does not include all required parameters

Err:Unauthenticated_User

Invalid credentials (User ID or Password)

Err:Low_Credit_Balance

Insufficient credits to start processing messages.

Err:WrongDestinationDN

An invalid destination number (MSISDN) or a blank value for 'to' parameter has been supplied.