

Text-Connect API Documentation

The API can be accessed at: <http://api.text-connect.co.uk/api/api.php>

The API can be called with an HTTP GET or POST, passing in the relevant parameters. **All parameters are mandatory unless otherwise stated.** All parameters must be URI Encoded.

General Parameters

Parameter Name	Description
Username	Your username
Password	Your password
Action	The action that you would like to perform. This must be one of (not case sensitive): CheckCredits to check how many credits you have CheckMessageStatus to check the status of a message Send to send a message Report to create a report CreateUser to create a new user UpdateCredits to add/remove credits from an existing user

CheckCredits

If the action is set to “**CheckCredits**”, no further parameters are required. Your credit balance will be returned in the content of the page.

CheckMessageStatus

Parameter Name	Description
MessageID	The Message ID of the message that you wish to query. This is the ID returned by the Send action and can also be found in a message report

The status of the message will be returned in the content of the page.

Send

Parameter Name	Description
DestinationAddress	The Destination Address(es) to send the message to. If you wish to send to multiple numbers, they should be separated by a comma. When submitting multiple numbers, you should use the POST method rather than the GET method.
SourceAddress	The Source Address for the message (If text 11 characters)
Body	The Message Body (max 160 characters)
ScheduleDate (optional)	The date that the message should be sent (YYYYMMDDHHMMSS)
SourceTON (optional)	The Type Of Number for the source address (1 for international, 5 for alphanumeric)
ValidityPeriod	The period in seconds that the message will be tried for (maximum 86400 = 24 hours)

The message ID or error code will be returned in the content of the Page. If multiple numbers are submitted, then multiple IDs / error codes will be returned, separated by commas.

Report

Parameter Name	Description
ReportType	The Type of report. Options are: Outbox (From and To dates are ignored for this report) Messages Usage
From	The start date for the report (YYYYMMDDHHMMSS)
To	The end date for the report (YYYYMMDDHHMMSS)

The report, in CSV format, will be returned in the content of the page

CreateUser*

Parameter Name	Description
ChildUsername	The username of the user you wish to create
ChildPassword	The password for the user
AccessLevel	What access level the user should have (Normal or Admin)
Name	The name of the user
Email	The email address of the user
Telephone (Optional)	The telephone number of the user
Credits	How many credits the user should start with (these will be deducted from your account)
CreditReminder (Optional)	When to send the user a low credit warning email (number of credits left to trigger the email)
Alert (Optional)	After how many days of inactivity should an inactivity alert be sent
Suspend (Optional)	After how many days of inactivity should the user be automatically suspended

If successful, '1' will be returned in the content of the page. If unsuccessful, the first line of the page will be the error code and the following lines will contain text information about the nature of the error(s).

* Admin enabled accounts only. Call 01952 820453 to upgrade.

UpdateCredits*

Parameter Name	Description
ChildUsername	The username of the user that you wish to transfer credits to/from. The user must belong to you.
Quantity	The amount of credits to transfer. If the number is positive, credits will be transferred to that user. If the number is negative, they will be transferred from that user to you.

If successful, '1' will be returned in the content of the page. * Admin enabled accounts only. Call 01952 820453 to upgrade.

Appendix A : Error Codes

Code	Description
-100	Not Enough Credits
-101	Invalid CreditID
-200	Invalid Contact
-300	General Database Error
-400	Some numbers in list failed
-401	Invalid Destination Address
-402	Invalid Source Address - Alphanumeric too long
-403	Invalid Source Address - Invalid Number
-404	Blank Body
-405	Invalid Validity Period
-406	No Route Available
-407	Invalid Schedule Date
-408	Distribution List is Empty
-409	Group is Empty
-501	Unknown Username/Password
-502	Unknown Action
-503	Unknown Message ID
-504	Invalid From Date
-505	Invalid To Date
-506	[Internal Use]
-507	Invalid/Missing Details
-508	Error Creating User
-509	Unknown/Invalid User
-510	You cannot set a user's credits to be less than 0
-601	Unknown Report Type

Receiving Text Messages Via HTTP

In your Text-Connect™ inbox you can set-up a http forwarding on your MSISDN reply number that will send the content of a message received to your applications URL.

When an inbound message arrives, the page will be called with the following parameters:

dest - The destination MSISDN (your number)

source - The source MSISDN (the senders number)

msg - The body of the message

example url;

`http://your.url.com/page.ext?source=447...&dest=447...&msg=body`

The content on the page that is returned is ignored, however the response code must be 200 (HTTP OK). Any other response code will cause the delivery to fail and the inbound message will be retried 10 minutes later, up to a maximum of 10 retries.

To set-up 2 way messaging via http or order more message credits please order online or call 01952 820453.