

## API – HTTP Interface Specification

This document is intended for technical personnel who wish to directly access the DivaTxt platform to send SMS messages.

Note that in order to directly access our SMS functionality it is essential that you have a DivaTxt account setup.

The API uses HTTP, using either GET or POST requests to submit messages.

All fields must be URL encoded. The character set used by the server is Latin-1 (iso-8859-1).

### Fields

Field	Description
username	Your DivaTxt username, this is the email address you used to set up your account
password	Your DivaTxt password, this is the same password you use to access your DivaTxt account via the website
mobile	The mobile number(s) to receive your message. This needs to be formatted in either international format without leading zeros e.g. 44777XXXXXXX or standard UK format e.g. 0777XXXXXXX. To specify multiple recipients, use commas to separate the numbers - e.g. mobile=07123456789,07234567891,07345678910
message	The message to send. Currently this must be no more than 160 characters for un-encoded text, or 320 characters for Hex Encoded text. For WAP push messages, this field is used to specify the URL to the resource. The URL must not include the protocol part i.e. use www.resource... Not http://www.resou...
sender*	The number/text to show as the sender of this message. This must be no more than 11 characters long for alphanumeric or 16 digits for a number. If this is not specified in your request the default sender from your DivaTxt account will be used.
band*	If your account is enabled for premium messaging, you can use this field to set the charge band for MT messages (see page 3 for details). Standard bulk messages can be sent by setting the band to 0 to indicate no charge to the receiver. <b>Please note if you set the band to anything other than zero, then the sender field will be overridden with the appropriate short code for that charge.</b>
param1*	This field is used to store your reference for this message. This field will be returned in the delivery receipt, should you choose to enable them.
param2*	This provides another reference to allow you to track this message
handler*	This is the URL of a webpage you have setup to receive a delivery or status report for this message. It must specify protocol. We currently only support HTTP post e.g. handler=http://www.mysite.com/deliveryhandler.php
hex*	If the message has been encoded in Hex format already, then you can specify hex=1 in your request to send in this format. If this is set to zero, or not specified, your message is assumed to be in plain text.
mediaTitle	For WAP push messages, this sets the title shown for the resource. This is required for WAP push messages, if you do not specify then 'title' will be used as default.
mediaType	To specify that this is a WAP push message, this field needs to be set to 'PI' for WAP indication or 'PL' for WAP service loading - e.g. mediaType=PI If this message is omitted the message is assumed to be in standard text.

\*Optional



## Access

You can currently access the API by sending requests to these URL's.

For HTTP GET requests:

<http://www.divatxt.co.uk/api/htget.php>

Example GET Request:

<http://www.divatxt.co.uk/api/htget.php?username=fred%40hotmail.com&password=XXXX&mobile=077777777&message=Lottery+Numbers+will+be+1+6+12+23+45+49>

For HTTP POST requests:

<http://www.divatxt.co.uk/api/htpost.php>

## Return Values

The server will respond with a HTML message containing either a success message, or an error messages if the request was unsuccessful.

For successful submissions, it will also contain a Batch ID which you can use to identify which delivery report corresponds to your submission.

Success is 00, any failures will be 10 or higher. Some error codes are currently not in use.

Example Success:

```
<HTML><BODY><!-- Result : 00 --><!-- Batch : 19900 --></BODY></HTML>
```

Example Failure:

```
<HTML><BODY><!-- Result : 15 --><!-- Error : Account balance too low to send message --></BODY></HTML>
```

Result	Reason/Action
11 - Username/Password Incorrect	Check your details are correct by logging into the website at <a href="http://www.divatxt.co.uk">www.divatxt.co.uk</a>
12 - Invalid charge band specified	Chargeband must be a single digit in the range of 0-9
14 - Account not enabled for premium outbound	Contracts must be in place for us to pay revenue share to you. Please contact sales to enable your account for revenue share.
15 - Account balance too low to send message	You don't have sufficient credits to send the message, log in to top up your account via credit card or contact sales to arrange payment by Direct Debit.
16 - Invalid request POST variable 'mobile' not specified	The required field 'mobile' has not been provided.
17- Invalid request POST variable 'message' not specified	The required field 'message' has not been provided
18 - Invalid Mobile Number - too short	The mobile number received is too short to be valid, please check and re-try.

## Delivery Reports

Delivery and status report messages are sent using a HTTP Post request to a URL specified in your submission.

Delivery reports contain the following fields:

Field	Description
batchid	This is the Batch ID returned when you submitted the messages.
mobile	The mobile number of the recipient. Please note this may have been reformatted to international format.
report	This will either be success, pending or fail.
code	A numeric delivery code for more detailed investigation of delivery problems.
param1	Your reference, as set when submitting the message.
param2	Your second reference field.

If your delivery handling page is down, or unresponsive, we will re-try sending the delivery notification several times before giving up.

## Charge Bands

If your account has premium rate sending enabled, you can use the following charge bands to determine the price charged per SMS.( If you set the band to anything other than zero, then the sender field will be ignored, and overridden with the appropriate short code for that charge.)

Chargeband	Price to recipient	Sender Field
0	Free	Custom 11 digits
5	£0.25	83010
6	£0.50	85010
7	£1.00	88010
9	£1.50	84010
12	£3.00	60155
16	£5.00	82010

## Viewing Sent Messages



From your **Account Homepage** click: [Manage Account](#) then select the  [View Sent Report](#) button.