

# BUDGETSMS.net

## HTTP API Specification V0.3

### Version history

v0.1	Initial version	10-03-2010
V0.2	Added Operator check	18-03-2010
V0.3	Added Credit check	18-03-2010

Check on SMS Route

To request all operators you can send to use the following HTTP call

<http://www.budgetsms.net/api/checkoperator>

Use these variables at this request

Variable	Description	Format	Mandatory	Example
username	Your BudgetSMS username	alphanumeric	yes	test
userid	Your BudgetSMS userid	Numeric	yes	21547
handle	Your API handle	alphanumeric	yes	1e756dc895456f
check	The number to check operator	numeric	no	31612345678

### Complete list of operators

To obtain a full coverage list of all operators you can send to leave the check variable empty. You will receive results equal to this example:

```
1:Vodafone Libertel BV:0.055:1:The Netherlands
2:T-Mobile Netherlands BV:0.045:1:The Netherlands
3:Tele2 Nederland BV:0.055:1:The Netherlands
4:Telfort BV:0.040:1:The Netherlands
6:KPN Mobile The Netherlands BV:0.045:1:The Netherlands
```

The format is on every new line an operator:

[OPERATOR\_ID] : [OPERATOR\_NAME] : [CURRENT\_PRICE] : [COUNTRY\_ID] : [COUNTRY\_NAME]

This call is free of charge.

### Check single number

To check the operator of one single number use the variable check to receive the operator details according to its prefix.

Return will be:

OK:[OPERATOR\_ID]:[OPERATOR\_NAME]:[CURRENT\_PRICE]

Or

ERR [ERRORCODE]

Example:

Check=31612345678

Result:

OK:6:KPN Mobile The Netherlands BV:0.045

## Sending Normal SMS messages

To send a normal SMS message through the API you need to call the following URL with HTTP GET:

<http://www.budgetsms.net/api/sendsms>

Use these variables in your request:

Variable	Description	Format	Mandatory	Example
username	Your BudgetSMS username	alphanumeric	yes	test
userid	Your BudgetSMS userid	Numeric	yes	21547
handle	Your API handle	alphanumeric	yes	1e756dc895456f
msg	Text of your SMS message	alphanumeric	yes	This is a test
from	Senderid of your SMS message	Alphanumeric	yes	BudgetSMS
to	Receiver of your SMS message	numeric	yes	31612345678

## Explanation

- username  
The loginname of your BudgetSMS.net account
- userid  
The userid of your BudgetSMS.net account. This can be found at your send details after login
- handle  
The handle needed to connect to the API. This can also be found at your send details after login
- msg  
Text of your SMS message. Cannot be empty, maximum length of 612 characters. Only these chars are allowed: a-z, A-Z, 0-9, +%#()\*+,-/; <=>?\_£¥§ÄÅÜäèèïñòöü
- from  
Senderid from the SMS message
  - Alphanumeric: maximum length 11 characters (allowed: [a-z], [A-Z] and [0-9])
  - Numeric: maximum length 16 numbers (allowed: [0-9])
- to  
Receiver number of the SMS message. No spaces, do not use the + before the international countrycode. Omit the first 0 from the number. Example: 31612345678

## Example HTTP GET call

<http://www.budgetsms.net/api/sendsms?username=test&handle=1234ef2354238dac2&userid=25135&msg=This%20is%20a%20test%20message&from=BudgetSMS&to=31612345678>

### Response

When the message has been sent, the response will be: OK 12345

Explained: OK[space][messageid]

### Errors:

If an error occurred at sending the message it will be returned like this:

ERR 1002

Explained: ERR[space][errorcode]

Where errorcode can contain these codes:

1001	Not enough credits to send messages
1002	Identification failed. Wrong credentials
2001	SMS message text is empty
2002	SMS numeric senderid can be max. 16 numbers
2003	SMS alphanumeric sender can be max. 12 characters
2004	SMS senderid is empty
2005	Destination number is to short
2006	Destination is not numeric
2007	Destination is empty
3001	No route to destination. Contact BudgetSMS for possible solutions
3002	No routes are setup. Contact BudgetSMS for a route setup
9x-xxx	Uplink provider error. Contact BudgetSMS with the code for possible solutions

## Check credit

To request the balance of your BudgetSMS.net account you need to request the following URL:

<http://www.budgetsms.net/api/checkcredit>

Return: OK [credit]

### Variables

Variable	Description	Format	Mandatory	Example
username	Your BudgetSMS username	alphanumeric	yes	test
userid	Your BudgetSMS userid	Numeric	yes	21547
handle	Your API handle	alphanumeric	yes	1e756dc895456f

## **Troubleshooting**

Make sure the data is URL encoded before sending. There can be strange results when not decoding the data.

If errorcodes starting with 9x-xxx occur please contact BudgetSMS with the errorcode.