



Reseller SMS HTTP API (v6.2)

APPENDIX

This document is for use of clients that have a reseller account and they want to allow their users to use HTTP GET requests to programmatically send sms without using the offered web interface of your reseller web site. They can view statistics and also use the web interface also to send sms.

In all of the document onwards your user has to replace all HTTP GET requests with your own web site address. For example if your website is www.mysupersmssite.com then you have to replace the http://your_domain/ with the <http://www.mysupersmssite.com/> for all of your HTTP GET requests.

Please note that if you want to send using your reseller account, then you can not use the Reseller SMS HTTP API but you need to use the requests from the BULK SMS API that was sent to you with the creation of your account (file name HTTP_API_version.pdf).

SMS SUBMISSION

To send an SMS use the following HTTP GET request:

http://your_domain/bulksms/submitsms.go?username=userX&password=passX&originator=mycompa ny&phone=33xxxxxxxxx&msgtext=Hello+Word

HTTP GET Parameters	
username	The username that is supplied to your account (most of the times it is your email)
password	The password of your account
originator	<p>The originator of your message (11 alphanumeric or 14 numeric values). Available depending to the route used. Valid Chars are: A-z,0-9 (no Spaces or other chars like \$-+!). In test accounts this feature may not be available.</p> <p>When you set the originator (sender) of your messages, the following restrictions should be noted. Otherwise your messages will fail to be sent or they will be sent incorrectly.</p> <ul style="list-style-type: none">▪ If you use letters and numbers do not exceed the 11 characters (e.g. SMS12345Mms).▪ Please, do not use spaces in the beginning or in the end.▪ When the originator is a number (MSISDN) it can not exceed the 14 digits.▪ You can not use special characters like (!#@\$%^*~?:";). Special characters may be able to be sent by specific routes but we DO not guarantee it.
phone	<p>The full International mobile number of the recipient excluding the leading + (e.g. 33xxxxxxxxx for France, 4478xxxxxx for UK etc)</p> <p>To send to multiple recipients, separate each number with a comma. Please note that no blanks can be used (e.g. 44xxxxx,33xxxxxx,20xxxxxx). See examples later for the proper use.</p> <p>Please note that you can send up to about 300 recipients in one HTTP GET call depending on the total string length of the GET request. It must not exceed the 1024 characters (limitation of the HTTP GET).</p>
msgtext	The text of the SMS sms in URL ENCODED format or the latin1 text if all characters are in latin1 (Max length 160 chars)
smscid	[Optional] Set the route that you want to be used (If applicable to your account. Is configured by the Customer Support ONLY)

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UDH	[Optional] UDH Header for Binary sms in hex form
MSG	[Optional] UDD for Binary sms in hex form
showDLR	[Optional] If set to 1 a unique id for the delivery report of this sms is return with the OK return value. Default is 0 (No DLR) In case you sent to multiple recipients in one HTTP GET call (using comma-separated phones) then you would get one OK in every line of return value (e.g. with 10 recipients you would get 10 lines with OK or OKxxxxxxx if you have asked to check Delivery Report). You should parse the returned string values to be able to get a Delivery Report on each recipient.
msgtype	[Optional] If set to F the sms is sent as Flash. Default is GSM text message
charset	[Optional] The charset parameter can be one of the following Default is 0 (gsm 7-bit): 0 =GSM 7-bit ASCII, 1 =Latin Characters (including à, è, ì, ò, ù) [i.e. for Italy/Spain] 2 =UNICODE (Arabic/Hindu/Chinese/Japanese), 3 =Arabic 8bit translated to Arabic Unicode, 5 =WAP PUSH Sending. The message will be sent as a binary message maned WAP PUSH. In that case the msgtext parameter must be in the following form "URL:::Description"(e.g. msgtext=http://wap.free--sms.com/mmscontent/2001.gif:::FunnyPic) 6 =Unicode Text in UCS2 format without any char conversion. 7 =8-bit ASCII 8 =Latin Characters URL Encoded (including à, è, ì, ò, ù) [i.e. for Italy/Spain/France]

EXAMPLES

⇒Example of HTTP GET Request for sending a HELLO Message

http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=331234567789&msgtext=Hello

⇒Example of HTTP GET Request for sending a Message & Requesting a Delivery Report

http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=331234567789&showDLR=1&msgtext=Hello

⇒Example of HTTP GET Request for sending a FLASH Message

http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=331234567789&msgtype=F&msgtext=Hello

⇒Example of HTTP GET Request for sending the Latin Text "àèìòù 500€abc@domain.com"

http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=201234567899&charset=8&msgtext=%E0%E8%EC%F2%F9+500%1B%65+abc@domain.com

HTTP API DOCUMENT

⇒ **Example of HTTP GET Request for sending the Arabic Message (Good Morning) - ريخلا حابص**
`http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=201234567899&charset=6&msgtext=063506280627062D002006270644062E064A0631`

⇒ **Example of HTTP GET Request for sending a Binary Message (UDH/UDD)**
`http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=201234567899&UDH=0504030201&MSG=01020304050607080910`

⇒ **Example of HTTP GET Request for sending sms to Multiple Recipients with one GET**
`http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=201234567781,491234567782,331234567783,971234567784,331234567785&msgtext=Hello+to+multiple+mobiles`

⇒ **Example of HTTP GET Request for sending an RTTL NOKIA Ringtone**
`http://your_domain/bulksms/submitsms.go?username=&password=&originator=test1&phone=...&UDH=06050415810000&MSG=024A3A612185C1C1E515B9900400F0C8B49B81B81C81B81B61C61B4AC83526606606606E0658592B20D49B81B81C81B81B61C61B4AC83526606606606E0658590B21051681781681481661461B4AC83545205A05204A0518492B20D51681781681481661461B4AC83545205A05204A0518488000`

⇒ **Example of How to read a DELIVERY REPORT**

Let's say that you send an SMS using the following HTTP GET request:

`http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&phone=331234567789&msgtext=Hello&showDLR=1`

(e.g. If response from this was **OK1234567**, then to get the Delivery Report you should use the following HTTP GET request

`http://your_domain/bulksms/submitsms_DLR.go?id=1234567&phone=331234567789)`

For more information, look at the section below about the Delivery Reports.

⇒ **Example of HTTP GET Request for sending a WAP PUSH**

`http://your_domain/bulksms/submitsms.go?username=user@domain.com&password=12345&originator=mycompany&charset=5&phone=331234567789&msgtext=http://wap.free--sms.com/mmscontent/2001.gif:::FunnyPic`

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When an HTTP request is made, the msgtext parameter has to be encoded following the URL escaping restrictions. For example space characters should be replaced by "+". Also, certain special characters need to be replaced according with the escape character of the table shown on the right.

"	%22
<	%3C
>	%3E
&	%26
+	%2B
#	%23
%	%25
*	%2A
!	%21
,	%2C
'	%27
\	%5C
=	%3D

In a single SMS message, the message text is up to 160 characters.

To send longer than 160 characters SMS, you have to use the "concatenated SMS" method. Some older mobile phones do not support longer SMS messages.

For Long SMS messages, one SMS is sent for every 153 characters of text in the message due to the binary data headers used for each sms. More info what headers you need, can be found by searching on the Internet.

Error Codes	
ERROR #	Description
ERROR100	Temporary Internal Server Error. Try again later
ERROR101	Authentication Error (Not valid login Information)
ERROR102	No credits available
ERROR103	MSIDSN (phone parameter) is invalid or prefix is not supported
ERROR104	Tariff Error
ERROR105	You are not allowed to send to that destination/country
ERROR106	Not Valid Route number or you are not allowed to use this route
ERROR107	No proper Authentication (IP restriction is activated)
ERROR108	You have no permission to send messages through HTTP API
ERROR109	Not Valid Originator
ERROR110	You are not allowed to send (Routing not available or Reseller is trying to send while not allowed)
ERROR999	Invalid HTTP Request

DELIVERY REPORTS (DLR)

To get a delivery report from an SMS submission you need to set the flag **showDLR** to the value of 1. Not all routes/destination support Delivery Reports though. Ask your account manager for more information on which route provides DLR.

To get a **De**livery Report (DLR) use the following HTTP GET request:

HTTP GET Parameters	
id	The number returned by the bulksend.go HTTP GET Request (e.g. OK1234567)
phone	The full International mobile number of the recipient excluding the leading + (e.g. 33xxxxxxxxxx for France, 4478xxxxxx for UK etc)
utc	[Optional] Adjust Delivery date to UTC time. (Acceptable values: ..-11...+11) Default 0.

http://your_domain/bulksms/submitsms_DLR.go?id=xxxxxx&phone=33zzzzzzz
 (e.g. If response from the bulksend.go was OK1234567 then DLR for that can be read by executing by http://your_domain/bulksms/submitsms_DLR.go?id=1234567&phone=33zzzzzzz)

Returns: Status code|Delivery Date (The delivery date is in UTC+0 datetime format)
 (e.g. 1|2007-06-01 00:11:22)

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Delivery Status Codes	
0	No Status yet received
1	SMS Delivered
2	Failed Delivery (Erroneous Number)
3	Delivery Failed (Message Expired in SMSC)
4	Pending Delivery
5	Expired

Error Codes	
ERROR #	Description
ERROR100	Temporary Internal Server Error. Try again later
ERROR101	Not valid parameters in request
ERROR102	Error combination of phone & id or invalid id

CREDIT BALANCE

To get the remaining credits to your account use the following HTTP GET request:

HTTP GET Parameters	
username	The username that is supplied to your account (most of the times it is your email)
password	The password of your account

http://your_domain/bulksms/submitsms_BALANCE.go?username=user@domain.com&password=12345

Returns: Number of Available Credits in the currency you have setup to your account.
(e.g. 1090.72 €) for EUR balances

For any additional inquiries, please contact your account manager.