

Netgen Webservice/SOAP API

General:

Service location: http://sms.netgen.co.za/SMS_V2.asmx

Webservice Description Language: http://sms.netgen.co.za/SMS_V2.asmx?WSDL

Methods:

Name:	sendSMS		
Description:	This will authenticate using the supplied username and password, check for sufficient credit and queue the SMS for send.		
Parameters:	Name	Type	Description
	uID	String	Username
	pwd	String	Password
	destination	String	MSISDN number for the recipient of the SMS <i>MSISDN format: 27825555555</i>
	message	String	SMS body
	source	String	MSISDN number for the sender of the SMS or name of sender (limited to 9 characters) <i>MSISDN format: 27825555555</i>
	deliveryDate	String	Optional. The date and time at which the SMS should be sent <i>Date format: yyMMddHHmmss000+ (1005302105000+)</i>
	mask	String	Optional. A bitwise mask to specify whether certain features should be turned on
	trackingCode1	String	Optional. A string field that the client can supply to track the SMS to their database.
	trackingCode2	String	Optional. A second string field that the client can supply to track the SMS to their database.
	trackingCode3	String	Optional. A third string field that the client can supply to track the SMS to their database.
Return:	SMS Id or ErrorCode Long		

Name:	querySMS		
Description:	This will authenticate using the supplied username and password and then query the status of the SMS.		
Parameters:	Name	Type	Description
	uID	String	Username
	pwd	String	Password
	smsID	Long	The Id of the SMS received from the sendSMS method.
Return:	Status or Error Code String		

Name:	sendSMSMulti		
Description:	This will authenticate using the supplied username and password, check for sufficient credit and queue the SMS for send to multiple recipients.		
Parameters:	Name	Type	Description
	uID	String	Username
	pwd	String	Password
	destination	String Array	List of MSISDN numbers for each recipient of the SMS <i>MSISDN format: 27825555555</i>
	message	String	SMS body
	source	String	MSISDN number for the sender of the SMS or name of sender (limited to 9 characters) <i>MSISDN format: 27825555555</i>
	deliveryDate	String	Optional. The date and time at which the SMS should be sent <i>Date format: yyMMddHHmmss000+ (1005302105000+)</i>
	mask	String	Optional. A bitwise mask to specify whether certain features should be turned on or off
	trackingCode1	String	Optional. A string field that the client can supply to track the SMS to their database.
	trackingCode2	String	Optional. A second string field that the client can supply to track the SMS to their database.
trackingCode3	String	Optional. A third string field that the client can supply to track the SMS to their database.	
Return:	ErrorCode Integer		

Name:	queryCreditBalance		
Description:	This will authenticate using the supplied username and password and then query the balance of the users credit.		
Parameters:	Name	Type	Description
	uID	String	Username
	pwd	String	Password
Return:	Credit Balance or Error Code String		

Name:	sendBulkSMSFile		
Description:	This will authenticate using the supplied username and password and then go through the file sending an SMS for each line matching the format.		
Parameters:	Name	Type	Description
	uID	String	Username
	pwd	String	Password
	fileData	Byte()	Byte array containing the file data
Return:	Credit Balance or Error Code String		

Error Codes:

Code	Description
>= 0	OK
-10	Invalid Login
-25	Insufficient credit
-40	Partially Sent Occurs when the sendSMSMulti method was called and not all recipients could be sent the message.
-50	Error queuing SMS
-60	SMS not found
-70	Bulk SMS file could not be read
-80	Bulk SMS file could not be saved

Features available in the bitwise mask:

Value Supplied	Feature
0	No additional features turned on

Revision History

Date	Author	Revision	Description
23/09/2010	Matthew Vreenegoor	1.0	Document creation