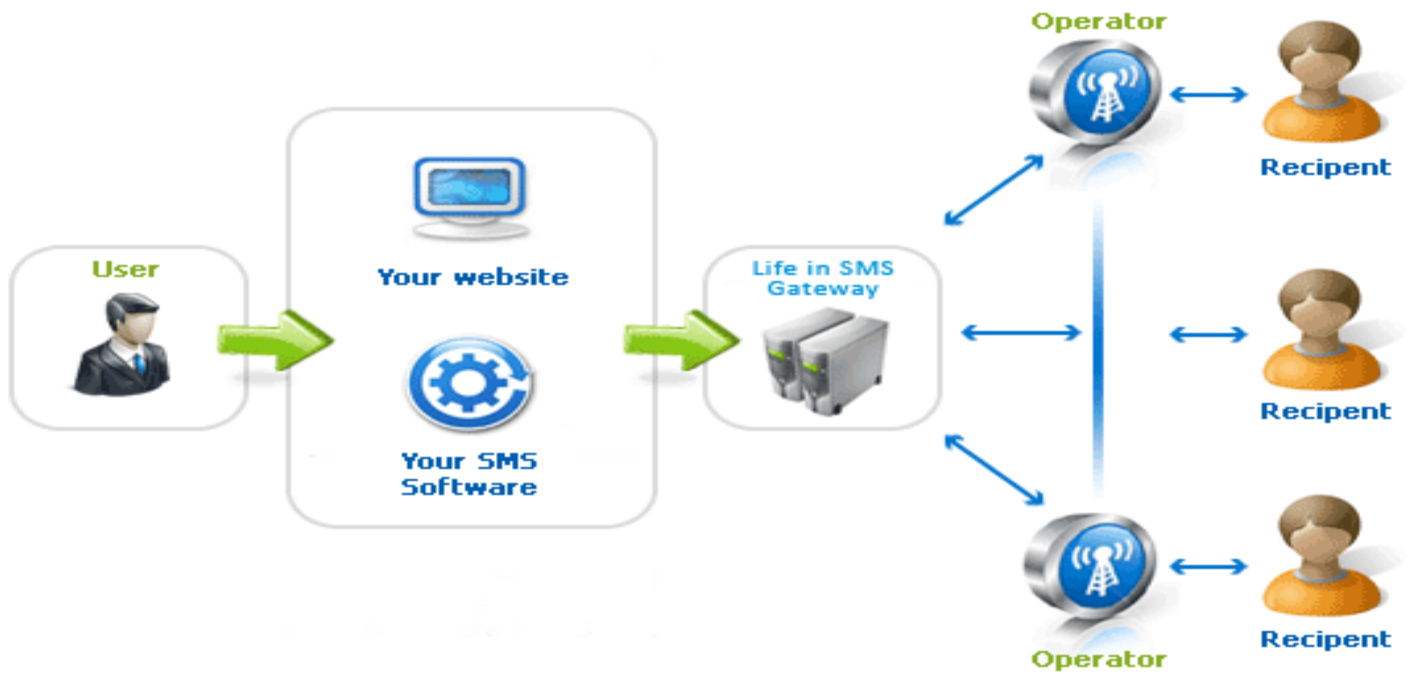www.velocitysms.com

HTTP API

Specification

Version 2.1

HOW DOES IT WORKS

Pushing SMS messages

For sending messages use the URL given below:
http://hapi.smsapi.org/SendSMS.aspx?UserName=xxxx&password=xxxx&MobileNo=xxxx,xxxx,xxxx&SenderID=xxxx&CDMAHeader=xxxx&Message=xxxx

◉ **The parameters that are going to be passed and their descriptions are given in the table given below:**

Parameter name	Parameter Description
Username	This will contain the username of the user
Password	This field will contain the password of the user
MobileNo	This field will have all the mobile nos that will be separated by a comma.The maximum nos that can be sent in a signal URL is 100. please don't send more than 100 numbers separated by a comma. Each mobile number must start with 91.
SenderID	This field will hold the Header that will be displayed on the GSM mobile phones and it should be upto 8 characters. The GSM header should be upto 8 characters only, the SMS packets will be rejected if this field is not a valid GSM header and the user account will be charged for the messages rejected.
CDMAHeader	This field will hold the value that will be shown as the header on the CDMA mobile no CDMA header, should be a 12 digit mobile no with the country code (i.e.91 for India) The CDMA header should be a valid GSM mobile no, the SMS packets will be rejected if this field is not a

	valid 12 digit GSM number and the user account will be charged for the messages rejected.
Message	The message length should be less than 459 characters and 1 SMS credit per contact should
	be deducted for each 160 characters message. The message should be URL encoded see the
	specification on http://www.w3schools.com/tags/ref_urlencode.asp

⊙ **Here is the list of return values when the HTTP request is made**

Parameter Name	Parameter Description
Invalid username or password	This will be returned when the Authentication (username and password) parameters are not valid
MessageSent GUID=<MessageID> SUBMITDATE=<DATE>	MessageSent – all the messages are submitted GUID = this will contain a alphanumeric messageid that will be useful while retrieving the reports SUBMITDATE= this is going to be the server date and time of the message submitted
Code 0 SendSMS Pageload	If any parameter value is missing or requesting URL is incorrect.
Code 0 Too many contact numbers	This will be returned when numbers of contacts are greater than TPS which is assigned to user.
Code 0 User Account Expired	If user account has been expired
Code=0 Not Enough Credits	If user has not enough SMS credits

Checking Credits

- ◉ **For checking credits use the URL given below:**
- ◉ http://hapi.smsapi.org/CreditCheck.aspx?Username=xxxx&Password=xxxx
- ◉ **The parameters that are going to be passed and their description is given in the table given below:**

Parameter Name	Parameter Description
Username	This will contain the username of the user
Password	This field will contain the password of the user

- ◉ **Here is the list of return values when the HTTP request is made**

Parameter Name	Parameter Description
Limit=<credits assigned>, Used=<Credits Used>	Limit= this field will contain the total no of messages that are assigned to that account Used= this field will contain the total no of messages that have been already sent by the account
Code=<ErrorNo> Error:AccessDenied	This will be returned when the Authentication (username and password) parameters are not valid
Code=<ErrorNo> Error:Exception CreditCheck	This will be returned if there is problem with the application on the server and there is an inner exception thrown
<HTML>….	Apart from all above errors, if the server throws a page that will have HTTP tag, these means that the server is down or restarting

Date wise Delivery reports

- ◉ **For checking delivery reports use the URL given below:**
- ◉ http://hapi.smsapi.org/GetReports.aspx?UserName=xxxx&Password=xxxx&SenderID=xxxx&CDMAHeader=xxxx&Date=xxxx
- ◉ **The parameters that are going to be passed and their descriptions are given in the table given below**

Parameter Name	Parameter Description
UserName	This will contain the username of the user
Password	This will contain the password of the user
SenderID	This will contain the SenderID of the message. This field can be optional.
CDMAHeader	This will contain the CDMAHeader (i.e. valid GSM mobile number). This field can be optional.
Date	This will contain the date for which delivery reports should be requested. Format should be as follows : YYYY-MM-DD (i.e. 2009-02-25) Single digit month (i.e. MM) and day (i.e. DD) should be start with 0 (i.e. for 2nd month MM should be 02)

- ◉ Here is the list of return values when the HTTP request is made
- ◉ **Sample Output**
- ◉ MSG|LM-Test|919923623523|2009-03-24 18:52:48|DELIVERED
- ◉ MSG|919923623523|919967675156|2009-03-24 18:52:48|DELIVERED

Parameter Name	Parameter Description
MSG	Start of individual number's delivery report
| (i.e. pipe sign)	This sign divides fields as listed below : 1. SenderID / CDMAHeader 2. Recipient Mobile Number 3. Delivered Date Time 4. Status
Invalid username or password	This will be returned when the Authentication (username and password) parameters are not valid
Code 0 Error getDeliveryReports	This will be returned if any parameter is missing
Code 0 Put proper date	If specified date is not in proper format
Record Not Found	If message record not found for specified date,SenderID and CDMAHeader
DLR Not Found.	If delivery report not found for specified date,SenderID and CDMAHeader

MessageID wise Delivery Reports (With Sequence No.)

- ◉ **For checking delivery reports use the URL given below:**
- ◉ http://hapi.smsapi.org/GetReportsOfID.aspx?UserName=xxxx&Password=xxxx&MessageID=xxxx
- ◉ **The parameters that are going to be passed and their description is given in the table given below:**

Parameter Name	Parameter Description
UserName	This will contain the username of the user
Password	This will contain the password of the user
MessageID	This field will contain the messageid (GUID) that was captured while sending the SMS

- ◉ **Here is the list of return values when the HTTP request is made**
- ◉ **Sample Output**

    SEQ="1" ERR="8448" DONEDATE="25/03/09 12:56" BR SEQ="2" ERR="8448"
    DONEDATE="25/03/09 12:55" BR

Parameter Name	Parameter Description
SEQ=<sequence ID> ERR=<error No> DONEDATE=<Report date> BR	SEQ=<sequence ID> this is the field that will contain the sequence no, the sequence no can be mapped with the messages that were send by separation of a comma. The sequence ID is give to the mobile no's in the sequence that they are received. For example when you send an sms here is what the mobile no will look like MobileNo=919880517000,919845611700,919322243078 919880517000 = SEQID = 1 919845611700 = SEQID = 2 919322243078 = SEQID = 3 ERR=<Error No> Error No = 8448 = Delivered Error No = 8449 = Failed Error No = 8450 = InvalidID DONEDATE= this field contains the report date and time BR = this symbol signifies a break between two reports

Code 0 Invalid MessageID	This will be returned if no proper MessageID provided
Code=0 Error getDeliveryReports	This will be returned if there was an error fetching the delivery reports or if any parameter is missing
Code=0 Error	This will be returned if there is problem with the application on the server and there is an inner exception thrown
<HTML>….	Apart from all above errors, if the server throws a page that will have HTTP tag, these means that the server is down or restarting

MessageID wise Delivery Reports (With Mobile No.)

◎ **For checking delivery reports use the URL given below:**

◎ http://hapi.smsapi.org/GetReportsMessageID.aspx?UserName=xxxx&Password=xxxx&MessageID=xxxx

◎ The parameters that are going to be passed and their descriptions are given in the table given below

Parameter Name	Parameter Description
UserName	This will contain the username of the user
Password	This will contain the password of the user
MessageID	This field will contain the messageid (GUID) that was captured while sending the SMS

◉ Here is the list of return values when the HTTP request is made

◉ **Sample Output**

MSG|919930966009|2009-03-25 12:55:56|DELIVERED

MSG|919969158190|2009-03-25 12:55:56|DELIVERED

MSG|919923623523|2009-03-25 12:55:56|DELIVERED

MSG|919869606219|2009-03-25 12:55:57|DELIVERED

MSG|919967675156|2009-03-25 12:56:07|DELIVERED

MSG|919867460449|2009-03-25 12:56:14|DELIVERED

Parameter Name	Parameter Description
MSG	Start of individual number's delivery report
| (i.e. pipe sign)	This sign divides fields as listed below : 1. Recipient Mobile Number 2. Delivered Date Time 3. Status
Invalid username or password	This will be returned when the Authentication (username and password) parameters are not valid
Code 0 Invalid MessageID	This will be returned if no proper MessageID provided
Code 0 Error getDeliveryReports	This will be returned if any parameter is missing Or if any parameter is missing
DLR Not Found	If delivery report not found for specified date,SenderID and CDMAHeader

Thank You