

SL Interactive SMS HTTP API v3.0

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Standard Rate SMS Messages (Bulk SMS) can be sent via the SL Interactive gateway using 2 methods:

- 1. HTTP GET to send small quantities of messages;
- 2. Destination list in CSV format sent via the HTTP POST method, suitable for sending to large numbers of recipients;

1. HTTP GET

CONNECTIVITY URL

http://www.slinteractive.com.au/api/send_sms.php

Variables

uname	Your SL Interactive Username (Case Sensitive)
pwd	Your SL Interactive Password (Case Sensitive)
msg	Text message, up to 160 characters for 1 SMS
to	Number you are sending the message to, can be separated by commas (,)
sid	Sender Id (Optional)

SAMPLE URL

http://www.slinteractive.com.au/api/send_sms.php?uname=MYUSER&pwd=MYPASS&msg=This+is+my+sample+message&to=61433188903

A text message will be sent to 0408038335 with the text: "This is my sample message". It will originate from the system default number 0447100265 as the Sender ID (sid) was not specified.

http://www.slinteractive.com.au/api/send_sms.php?uname=MYUSER&pwd=MYPASS&msg=This+is+my+sample+message&to=61433188903&sid=MyCompany

The above post will send the same message, but this time it will show "MyCompany" as the sender of the message.

RESPONSES

When messages have been sent successfully the system will print the message:

Complete:1 - meaning that a messages has been successfully received by SL Interactive backend servers.

If you are sending multiple messages, as in the example below, the system will print "Complete:2", as it has successfully sent two messages.

http://www.sliinteractive.com.au/api/send_sms.php?uname=MYUSER&pwd=MYPASS&msg=This+is+my+sample+message&to=61408038335,61433188903

SERVER ERROR MESSAGES

NO_USER	Username was not specified (Case Sensitive)
NO_PWORD	Password was not specified (Case Sensitive)
NO_MSG	Message was not specified
NO_TO	Number was not specified
I_UNAME_PWORD	Username and password combination is incorrect (Case Sensitive)
CREDIT:X	Not enough credit to send messages. Where X is the amount of credits left. The system could return CREDIT:2 meaning two credits are left, but the user has tried to send 3 messages.
PHONE_NO	If a single number is entered and is invalid
PHONE_NO:X	If multiple numbers are entered and one is invalid. X is the position of the number. An example, 61408000111, 61408000112, 614080001113, X would be 3, because the third number has too many digits.
M_LENGTH	Message is over 160 characters

If any error message is printed then no messages have been received and sent. The only time messages have been received by the backend servers is when a *complete* is returned. Please also note the *complete* is not a response from the mobile operator, it is an acknowledgment from SL Interactive servers that the messages have been received ok.

NOTE ABOUT TEXT MESSAGE LENGTH:

When an SMS message character length exceeds the limit of a single SMS (160 characters, including spaces), the message will be sent as a Long SMS, but stitched together upon arriving to the handset. Long SMS uses control characters to join the message into one, readable concatenated message.

If you are sending Long SMS messages, we recommend reserving 7 characters for the joining operation for each 160 character block. This means the maximum length of message that can be contained in 2 concatenated components is $153 * 2 = 306$ characters.

2. HTTP POST / CSV File Upload

This method uses a destination list in CSV format, and is suitable for sending to large numbers of recipients.

CONNECTIVITY URL

http://www.slinteractive.com.au/api/send_csv.php

Variables

<i>uname</i>	Your SL Interactive Username (Case Sensitive)
<i>pwd</i>	Your SL Interactive Password (Case Sensitive)
<i>msg</i>	Text message, up to 160 characters
<i>pid</i>	The field or column that the numbers are in
<i>csv_file (file)</i>	The CSV file
<i>sid</i>	Sender ID (Optional)

The HTTP POST CSV upload works in the same fashion as the standard SMS API. If the messages have been successfully received, the system will return "COMPLETER:X" where X is the number of messages. In addition to standard error messages, there are a few extra error messages when using a CSV Post:

<i>NO_CSV</i>	CSV File was not uploaded
<i>CSV</i>	Error opening CSV file, try again
<i>CSV_PID</i>	The column number contain the phone number was not entered or invalid
<i>CSV_I_PID</i>	The PID is invalid. This could be because the system is looking in column 15 for the number but the CSV only has 5 columns.

NOTE: SL Interactive systems are based on php (5.0)

SAMPLE FORM

The following sample form uses values that are stored in columns in an external file. It is very useful when you would like to send out customised messages to a number of recipients in your file. The form replaces {x} (where x is a number) with a corresponding value from a matching column in a CSV file.

For example, let's assume we have a CSV file called Customers (Customers.csv)

Mobile Number	First Name	Last Name	Offer
61433188903	John	Doe	\$15 special
61404034011	Bruce	Lee	\$10 special
61424198763	James	Bond	\$15 special

...

```
61433188903,John,Doe,$15 special
61404034011,Bruce,Lee,$10 special
61424198763,James,Bond,$15 special
```

...

Let's also assume that we would like to send out the following message to our customers: "Hello {2}, Please come by for a complementary drink with a purchase of any {4} from our menu. Mention SMS offer when placing your order"

Given the format of the above file our messages would become:

Hello **John**, Please come by for a complementary drink with a purchase of any **\$15 special** from our menu. Mention SMS offer when placing your order

Hello **Bruce**, Please come by for a complementary drink with a purchase of any **\$10 special** from our menu. Mention SMS offer when placing your order

Hello **James**, Please come by for a complementary drink with a purchase of any **\$15 special** from our menu. Mention SMS offer when placing your order

```
<form action="http://www.slinteractive.com.au/api/send_csv.php" method="post" enctype="multipart/form-data">
  <input type="hidden" name="uname" value="Dz5SXfE1" />
  <input type="hidden" name="pword" value="Dz5SXfE1" />
  <input type="hidden" name="msg" value="Hello {2}, Please come by for a complementary drink with a
  purchase of any {4} from our menu. Mention SMS offer when placing your order" />
  <input type="hidden" name="sid" value="Micks Cafe" />
  <input type="hidden" name="pid" value="1" />
  <input type="file" name="csv_file" />
  <input type="submit" name="submit" value="Upload!" />
</form>
```

NOTE: If you want to send international SMS you need to use international formatting with country code and number with no spaces or leading zeroes, e.g. 61433188903

DEMO URL WITH UNIQUE ORDERID RESPONSE

The demo URL below can be used to test the gateway responses without sending any actual messages.

DEMO CONNECTIVITY URL

http://www.slinteractive.com.au/demo_api/send_sms_orderid.php

Variables

uname	Your SL Interactive Username (Case Sensitive)	(Use demo)
pwd	Your SL Interactive Password (Case Sensitive)	(Use demo)
msg	Text message, up to 160 characters for 1 SMS	
to	Number you are sending the message to, can be separated by commas (,)	
sid	Sender ID	(Optional)
orderid	Shows a unique order ID after sending	(Optional)

EXAMPLE URL

http://www.slinteractive.com.au/demo_api/send_sms_orderid.php?uname=demo&pwd=demo&msg=This+is+my+sample+message&to=61433188903&orderid=1

A text message will demo a send to 61433188903 with the text: "This is my sample message". It will originate from the system default number 0447100265 as the Sender ID (sid) was not specified.

http://www.slinteractive.com.au/demo_api/send_sms_orderid.php?uname=demo&pwd=demo&msg=This+is+my+sample+message&to=61433188903&sid=MyCompany&orderid=1

The above post will demo the same message, but this time it will show "MyCompany" as the sender of the message.

RESPONSES WITH UNIQUE ORDERID

When messages have been sent to the demo URL successfully, the system will print the message:
COMPLETE:X where X is the number of messages sent and is always in the range of 1 to 100 (0 < X < 101).
MOBILENUMBER - ORDER ID:XXXXXXXXXXXXXXXXXXXX;

Case: 1 destination number and 1 message (under 160 characters):
COMPLETE:1; 61433188903 - ORDER ID: 614331889033243332;

Case: 2 destination numbers and 1 long message (between 160 and 306 characters):
COMPLETE:2; 61433188903 - ORDER ID: 614331889033243334; 61404034011 - ORDER ID:
614331889033243335;

(In the demo API the orderID is randomly generated to mimic an actual response from the carriers)