



intouch
COMMUNICATIONS

HTTP INTERFACE TO INTOUCH BULK SMS GATEWAY

Sending Messages through the HTTP API.

Messages can be sent using HTTP **“POST”** issued by your gateway or server. The URL to use to send messages is below:

<https://www.intouchsms.co.rw/api/sendsms/.json>

1. SEND SMS REQUEST

A send SMS request to the gateway to be sent should be encoded as a json string. Below are the necessary parameters to be passed with the URL.

Parameter Name	Data Format	Description
username	string	Username assigned to your account by Intouch
password	string	Password provided by Intouch for your account associated with your username.
Recipients	string	Phone numbers of the recipient(s) if more than one they should be separated by commas
sender	string	Sender (Can be alpha-numeric)
message	string	Contents of the message e.g. test sms

An example of a request is below:

I. In Python

```
data = {
    'recipients':'0785971082,0782300441',
    'message' :'Hello World',
    'sender':'Intouch'
}
r = requests.post(
    'https://www.intouchsms.co.rw/api/sendsms/.json',
    data,
    auth=(username, password)
```

```
    )  
    print (r.json(), r.status_code)
```

II. In PHP

```
$data = array(  
    "sender"=>'Intouch',  
    "recipients"=>"0722404528",  
    "message"=>"hello world",  
);  
$url = "https://www.intouchsms.co.rw/api/sendsms/.json";  
$data = http_build_query ($data);  
$username="username";  
$password="password";  
$ch = curl_init();  
curl_setopt($ch,CURLOPT_URL, $url);  
curl_setopt($ch, CURLOPT_USERPWD, $username . ":" . $password);  
curl_setopt($ch,CURLOPT_POST,true);  
curl_setopt($ch, CURLOPT_RETURNTRANSFER,1);  
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, 0);  
curl_setopt($ch,CURLOPT_POSTFIELDS, $data);  
$result = curl_exec($ch);  
$httpcode = curl_getinfo($ch, CURLINFO_HTTP_CODE);  
curl_close($ch);  
echo $result;  
echo $httpcode;
```

2. SEND SMS RESPONSE

The IntouchSMS gateway will respond with json response.

Below is the format of the response:

```
{
  'details': [{
    'status': 'P',
    'message': 'Hello',
    'cost': 18.0,
    'recepient':
    '+250785971082',
    'messageid': 238254
  }],
  'success': True,
  'summary': {
    'message': 'Hello',
    'balance': -1617.0,
    'cost': 18.0,
    'totalmessages': 1,
    'time': u'2015-08-27T16:19:58.398'
  }
}
```

A response will have a status code to indicate wether the send message request was successfull or not. The response will also include a description to indicate the reason why the message failed to be sent in case it's a failure.

Below is a list of the status codes.

Status Code	Description
200	OK. No error encountered.
400	Bad Request, error encountered.

3. SEND SMS STATUS REQUEST

A send SMS status request to the gateway to be sent should be encoded as a json string. This request is used to track the status of the message whether it has been delivered, errored, queued etc.

Below are the necessary parameters to be passed with the URL.

Parameter Name	Data Format	Description
username	string	Username assigned to your account by Intouch
password	string	Password provided by Intouch for your account associated with your username.
messageid	string	The message id returned in the send sms response

An example of a request is below:

I. In Python

```
data = {'messageid' : 238254 }
r=requests.post(
    'https://www.intouchsms.co.rw/api/getsmsstatus/.json',
    data,auth=(username, password)
)
print (r.json(), r.status_code)print r.status_code
```

III. In PHP

```
$data = array(
    "messageid"=>"223750",
);
$url = "https://www.intouchsms.co.rw/api/getsmsstatus/.json";
$data = http_build_query ($data);
$username="username";
$password="password";
$ch = curl_init();
curl_setopt($ch,CURLOPT_URL,$url);
curl_setopt($ch,CURLOPT_USERPWD,$username." : ".$password);
curl_setopt($ch,CURLOPT_POST,true);
curl_setopt($ch,CURLOPT_RETURNTRANSFER,1);
curl_setopt($ch,CURLOPT_SSL_VERIFYPEER,0);
curl_setopt($ch,CURLOPT_POSTFIELDS,$data);
```

```

$result = curl_exec($ch);
$httpcode = curl_getinfo($ch, CURLINFO_HTTP_CODE);
curl_close($ch);

echo $result;
echo $httpcode

```

4. SEND SMS STATUS RESPONSE

The IntouchSMS gateway will respond with json response.

Below is the format of the response:

```

{
  'results': {
    'status': 'D',
    'created': '27-08-2015 04:16:19:58',
    'time': u'27-08-2015 04:16:41:47'
  },
  'success': True
}

```

Meaning of Statuses returned by the SEND SMS status response

Status	Description
P	Message being Processed
D	Message Delivered
Q	Message Queued
E	Message Errored
S	Message Sent
U	Message Unsent/Rejected