Contents

1. Contents .............................................................................................................. 1
2. Introduction ........................................................................................................ 2
3. API Version & Updated Details .......................................................................... 2
4. Major Updates in 4.5.1 Version ......................................................................... 2
5. Major Updates in 4.5 Version ............................................................................ 2
6. General Usages of API’s .................................................................................. 3
7. How API Works .................................................................................................. 3
8. API for Sending Single SMS ............................................................................ 5
9. API for Sending International SMS ................................................................. 6
10. API for Sending Multiple SMS .......................................................................... 7
11. Triggering Transactional Messages .................................................................. 7
12. API for Sending Transactional SMS .................................................................. 8
13. API for Requesting Transactional Templates .................................................... 8
14. API for Dynamic Messaging using CSV Format .............................................. 9
15. XML API ........................................................................................................... 10
16. The variables to be used in XML Format ........................................................ 11
17. API for Dynamic Messaging Using XML Format .......................................... 11
18. XML API for Dynamic Messaging .................................................................. 12
19. XML API for Bulk Push ................................................................................... 15
20. API for Scheduling SMS .................................................................................. 17
21. API for Deleting Scheduled SMS ..................................................................... 17
22. API to Fetch Single Delivery Report ............................................................... 18
23. API to Fetch Multiple Delivery Report ............................................................ 19
24. API to Fetch Multiple Delivery Report using PushId .................................... 19
25. API to Fetch Datewise Delivery Report ............................................................ 20
26. API to Fetch Current Route Balance ............................................................... 21
27. API to List All Sender ID’s ............................................................................... 22
28. All Possible Responses & Errors ...................................................................... 22
29. Description of Files Used ................................................................................ 23
**Introduction**

API stands for Application Programming Integration which is widely used to integrate and enable interaction with other software, much in the same way as a user interface facilitates interaction between humans and computers. Our API codes can be easily integrated to any web or software application.

Our Robust & Stable HTTP API’s is Compatible with all Programming Languages & Operating Systems. Easy to Integrate & Use

Our XML API is designed to send huge messages through a single push

Our Unique Dynamic HTTP & XML API allows to send dynamic message contents through a Single API call.

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**API Version & Updated Details**

Last Updated On : 05-August-2014  
API Version : 4.5.1

**Major Updates in 4.5.1 Version**

- Introduced New International Route which allows you to send SMS to 220+ Countries & 800+ Networks Globally (route=13)
- Introduced Delivery Based Routes Priority (route=10) | Marketing (route=11) | Transactional (route=12)
Major Updates in 4.5 Version

✓ Introduced Simple Dynamic Messaging API to push thousands of Dynamic Contents through a Single API Call (CSV & XML Format)

✓ DND Template ID Based Matching Skipped on the Transactional Route, now instead of the exact template id you can pass "2" as fixed value i.e. temp id=2, system will check based on the message content and if the message content is not matching with the approved content then system will give the error “DND Template Not Matching”

✓ Easy to use PHP Libraries to Send Messages & Receive Delivery Reports within your program/application/software

✓ Transactional Message Template can be request through API

✓ XML API for Processing Huge Messages, Dynamic XML API’s also included.

✓ Date Wise Delivery Reports in XML/JSON/CSV Format

✓ Bulk Delivery Reports in XML/JSON/CSV Format based on Push ID

✓ Option to retrieve Push ID as API Response to fetch bulk delivery easily.

General Usages of API’s

✓ Integrating API with your webpage enables you to send SMS from your web pages.

✓ Integrating API with your Desktop application enables you to send SMS from your Desktop Application

✓ Integrating API with your billing software enables you to send thanking messages to customers after their purchase.

✓ Integrating API with your payroll software enables you to send salary intimation to employees.

✓ Integrating API with your server enables you to send critical system warnings/errors to Server admin/client.
How API Works

The API works on GET and POST METHOD, and the url to be used is http://yourdomain/api/sms.php

Note: Replace yourdomain with your connecting site URL. For more details please refer the Developers API section in your control panel. Go To API & Downloads ->SMS HTTP API

For every successful execution of our API call, the system generates a 'Response' which you can save for tracking the operation.

For multiple requests, the system response will consist of unique numeric ids or other forms of responses, separated by comma.

Delimiter: We are using comma (,) as a delimiter to separate each record in a Response

UID & PIN

Our API works with Unique UID & PIN, which is not associated with your sms account username or password, even if you change your password of the sms control panel API will work, if you need to generate new PIN, please login to your control panel and Generate New PIN.

The variables to be used

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>uid</td>
<td>Your Unique Identification</td>
</tr>
<tr>
<td>pin</td>
<td>API authentication PIN</td>
</tr>
</tbody>
</table>
| sender   | 6 Characters long Alpha Message SenderID (Only for Transactional Route)  
Upto 13 Characters long Alpha Numeric Sender ID (Only for International Route) |
| mobile   | Recipient 10 Digit Mobile Number without 0 or 91 (For Sending Only to India)  
Recipient Mobile Number along with International Country Code without 00 or + |
<p>| message  | Message Contents to be sent, should be url encoded |
| route=0  | For Selecting Normal route |</p>
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>route=1</td>
<td>For Selecting Priority route</td>
</tr>
<tr>
<td>route=4</td>
<td>For Selecting Marketing route</td>
</tr>
<tr>
<td>route=5</td>
<td>For Selecting Transactional route</td>
</tr>
<tr>
<td>route=10</td>
<td>For Selecting Priority-Delivery route</td>
</tr>
<tr>
<td>route=11</td>
<td>For Selecting Transactional-Delivery route</td>
</tr>
<tr>
<td>route=12</td>
<td>For Selecting International route</td>
</tr>
<tr>
<td>tempid</td>
<td>Pre Approved Message Template ID (Only for Transaction Route)</td>
</tr>
<tr>
<td>tempid=2</td>
<td>Use tempid=2 if you cant pass the exact Template Message ID, this method might delay to send messages if you have lot of pre-approved templates.</td>
</tr>
<tr>
<td>time=dd-mm-yyyy-24h-min</td>
<td>For Scheduling messages, works as per Indian Standard Time (IST)</td>
</tr>
<tr>
<td>unicode=1</td>
<td>For Sending Unicode messages</td>
</tr>
<tr>
<td>flash=1</td>
<td>If you want deliver the message Flash then pass the value flash=1</td>
</tr>
<tr>
<td>dynamic=1</td>
<td>For Selecting Dynamic Mode</td>
</tr>
<tr>
<td>itype=xml/csv</td>
<td>In which format you are inputting the data. Supports CSV/XML Format. Applies only for Dynamic Messaging</td>
</tr>
<tr>
<td>data</td>
<td>Used for dynamic messages the dynamic message content need to be appended. First field should be 10 digit mobile number</td>
</tr>
<tr>
<td>rtype=xml/json/csv</td>
<td>How you need to get response for Delivery Reports XML/JSON/CSV</td>
</tr>
<tr>
<td>pushid=1</td>
<td>If you want to get the pushid of the message as response, by default you will get message id.</td>
</tr>
<tr>
<td>msgid</td>
<td>A numeric unique Message ID to be passed for deleting a scheduled message</td>
</tr>
<tr>
<td>pushid</td>
<td>A numeric unique Push ID to be passed for deleting a scheduled message</td>
</tr>
</tbody>
</table>
**API for Sending Single SMS**

**API for Sending Single SMS Route**

http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=your_sender_id&route=ROUTEID&mobile=MOBILE&message=MESSAGE&pushid=1

sender & pushid are optional

**Sample Response**

223433

You will get a numeric Message ID or Push ID which you can save for tracking the message you sent.

If you pass pushid=1 then instead of Message ID you will get Push ID as response which will be useful for bulk pushes to retrieve complete delivery status of all numbers associated to that push.

**Note: Sending SMS through other routes pass the correct route id through “route” variable as below**

<table>
<thead>
<tr>
<th>route</th>
<th>Route name</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Normal Route</td>
</tr>
<tr>
<td>1</td>
<td>Priority Route</td>
</tr>
<tr>
<td>4</td>
<td>Marketing Route</td>
</tr>
<tr>
<td>10</td>
<td>Priority – Delivery Route</td>
</tr>
<tr>
<td>11</td>
<td>Marketing – Delivery Route</td>
</tr>
</tbody>
</table>

**API for Sending International SMS**

**API for Sending Single International SMS**


For International Route, Use Mobile Number with Country Code if you want to send SMS to UAE then pass UAE International Country Code "971" along with the mobile number.

sender & pushid are optional

**Sample Response**

223433
You will get a numeric Message ID or Push ID which you can save for tracking the message you sent.

If you pass pushid=1 then instead of Message ID you will get Push ID as response which will be useful for bulk pushes to retrieve complete delivery status of all numbers associated to that push.

Sender is not supported in all countries/network, default sender id will be replaced in case Sender ID inputted by you is not supported in that country/network.

---

**API for Sending Multiple SMS**

**API for Sending Multiple SMS Route**

http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=your_sender_id&route=ROUTEID&mobile=myrecipient1,myrecipient2,myrecipient3, myrecipient4,myrecipient5,myrecipient6&message=MESSAGE

You only need to pass mobile number separated by comma ( , ) in "mobile" variable

mobile=myrecipient1,myrecipient2,myrecipient3,myrecipient4,myrecipient5,myrecipient6

**Default Response 3287,3288,3289**

Suppose you have 3 receivers and you passed the numbers in the form

mobile=9995xxxxxx, 8707xxxxxx,9020xxxxxx

If the message is sent successfully, you will get message ids corresponding to each message you sent, separated by comma.

**If pushid=1 Passed**

If you pass pushid=1 then you will get only push id, with this pushid you can fetch delivery reports of all numbers in the push through a single api call
**Triggering Transactional Messages**

As our transactional gateway is based on template system, the content of the message should be pre-approved and the approved message template will be assigned with a unique template id, to get your template id please login into your panel and navigate to Messaging->DND Templates

From 4.5 API Version onwards we have skipped the DND Template ID Based Matching on the Transactional Route, now instead of the exact template id you can pass “2” as fixed value i.e tempid=2, system will authenticate only based on the message content and if the message content is not matching with the pre-approved content then system will give the error “DND Template Not Matching”

Lets assume that your template id is **123** and the approved message content as below

Dear #VAL#  
Your Account is credited with #VAL# on #VAL# towards #VAL#, your available balance is Rs #VAL#

Here #VAL# is the dynamic values where you can replace with your own dynamic values.

**Example with your own values**

Dear Raj  
Your Account is credited with Rs 2000 on 20-12-2011 towards FD your available balance is Rs 10,000

If you make any changes in the format then you will get an error message “DND Template Not Matching”

**Encode the message content , put the corresponding template id and submit the message to our Server for delivery**
API for Sending Transactional SMS

API for Sending Single Transactional SMS

http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=SENDER&route=5&tempid=DND_TEMPLATE_ID&mobile=MOBILE1&message=MESSAGE&pushid=1

<table>
<thead>
<tr>
<th>route</th>
<th>ROUTE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Transactional Route</td>
</tr>
<tr>
<td>12</td>
<td>Transactional – Delivery Route</td>
</tr>
</tbody>
</table>

For Transaction SMS, the **sender** cannot be left blank.

**Sample Response**

223433

You will get a numeric Message ID or Push ID which you can save for tracking the message you sent.

If you pass `pushid=1` then instead of Message ID you will get Push ID as response which will be useful for bulk pushes to retrieve complete delivery status of all numbers associated to that push.

**Note: If you want to send Multiple Transactional SMS, then pass the mobile number separated by comma.**

Refer "API For Sending Multiple SMS" Section for more details
**API for Requesting Transactional Templates**

You can request any number of Transactional Message contents to be used in your transactional gateway. All Message Contents are subjected to approval.


You will get Template ID as Response to the API Call

1323

Before submitting message please encode the message using ‘urlencode’ function and for dynamic field use #VAL#

**API for Dynamic Messaging using CSV Format**

Our Simple Yet Powerful Dynamic Messaging API allows you to deliver dynamic message contents to different mobile numbers through a Single API Call


Now Let's take an example of a message content need to deliver to 3 mobile numbers dynamically

**Sample Database Structure**

<table>
<thead>
<tr>
<th>#FIELD1#</th>
<th>#FIELD2#</th>
<th>#FIELD3#</th>
<th>#FIELD4#</th>
</tr>
</thead>
<tbody>
<tr>
<td>9999999999</td>
<td>Jeevan</td>
<td>100</td>
<td>01-03-2013</td>
</tr>
<tr>
<td>8888888888</td>
<td>Ram</td>
<td>200</td>
<td>02-03-2013</td>
</tr>
<tr>
<td>7777777777</td>
<td>Rahul</td>
<td>300</td>
<td>03-03-2013</td>
</tr>
</tbody>
</table>

**message**

Dear #FIELD2# Please pay your child fees of #FIELD3# on or before #FIELD4#

URL Encoded Data of the above message

Dear%20%23FIELD2%23%0APlease%20pay%20your%20child%20fees%20of%20%23FIELD3%23on%20before%20%23FIELD4%23

**data**

9999999999, Jeevan, 100, 01-03-2013 <new line>
8888888888, Ram, 200, 02-03-2013 <new line>
7777777777, Rahul, 300, 03-03-2013 <new line>
URL Encoded Data of the above message

9999999999%2C%20Jevan%2C%2020100%2C%202001-03-2013%0A8888888888%2C%20Ram%2C%202000%2C%202002-03-2013%0A7777777777%2CRahul%2C%20300%2C03-03-2013%0A

Please note that the first field should be 10 digit mobile number and each field should be separated by Comma (,) and each record should be separated by new line (\n)

Now just POST these values to our Server for delivery

http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=your_sender_id&route=0&message=

Dear%20%23FIELD2%23%0APlease%20pay%20your%20child%20fees%20of%20%23FIELD3%23%0Aon%20or%20before%20%23FIELD4%23&dynamic=1&data=9999999999%2C%20Jevan%2C%2020100%2C%202001-03-2013%0A8888888888%2C%20Ram%2C%202000%2C%202002-03-2013%0A7777777777%2CRahul%2C%20300%2C03-03-2013%0A

System will return you the unique message id as comma separated format which can be saved for future references

232323,2323231,2323211

**If pushid=1 passed then you will get only one numeric id for all numbers**

34343
**XML API**

The newly introduced XML APIs use data in XML format. You need to send the data in predefined XML formats using the variables given below.

The XML data should be urlencoded before passing to the API.

You may use `pushid=1` as optional parameter.

Sample XML data:

```xml
<data>
  <number>
    <field>9999999999</field> <!--FIELD1 Data-->
    <field>Jeevan</field> <!--FIELD2 Data-->
  </number>
</data>
```

**The variables to be used in XML Format**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>&lt;uid&gt;</code></td>
<td>Your Unique Identification</td>
</tr>
<tr>
<td><code>&lt;pin&gt;</code></td>
<td>API authentication PIN</td>
</tr>
<tr>
<td><code>&lt;sender&gt;</code></td>
<td>6 Digit Alpha Message SenderID (Only for Transactional Route)</td>
</tr>
<tr>
<td><code>&lt;number&gt;</code></td>
<td>Recipient 10 Digit Mobile Number without 0 or 91</td>
</tr>
<tr>
<td><code>&lt;message&gt;</code></td>
<td>Message Contents to be sent with FIELD2, FIELD3 applies only for Dynamic XML API</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Normal route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Priority route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Marketing route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Transactional Route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Priority Delivery Route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Marketing Delivery Route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting Transactional Delivery Route</td>
</tr>
<tr>
<td><code>&lt;route&gt;</code></td>
<td>For Selecting International Route</td>
</tr>
<tr>
<td><code>&lt;unicode&gt;</code></td>
<td>For Sending unicode messages, messages should be urlencoded</td>
</tr>
<tr>
<td><code>&lt;flash&gt;</code></td>
<td>If you want to deliver the message as Flash then pass the value flash=1</td>
</tr>
<tr>
<td><code>&lt;dynamic&gt;</code></td>
<td>For Selecting Dynamic Mode</td>
</tr>
<tr>
<td><code>&lt;bulkpush&gt;</code></td>
<td>For Enabling Bulk Push Mode</td>
</tr>
<tr>
<td><code>&lt;pushid&gt;</code></td>
<td>If you want to get the pushid of the message as response, by default you will get message id.</td>
</tr>
</tbody>
</table>
Our Simple Yet Powerful Dynamic Messaging API allows you to deliver dynamic message contents to different mobile numbers through a Single API Call.

http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=your_sender_id&route=0&message=MESSAGE&dynamic=1&itype=xml&data=dynamic_contents_in_xml_format

‘itype=xml’ indicates that you use xml format for dynamic contents. Now Lets take an example of a message content need to deliver to 2 mobile numbers dynamically using xml format

Sample Database Structure

<table>
<thead>
<tr>
<th>#FIELD1#</th>
<th>#FIELD2#</th>
<th>#FIELD3#</th>
<th>#FIELD4#</th>
</tr>
</thead>
<tbody>
<tr>
<td>9999999999</td>
<td>Jeevan</td>
<td>100</td>
<td>01-03-2013</td>
</tr>
<tr>
<td>8888888888</td>
<td>Ramu</td>
<td>200</td>
<td>02-03-2013</td>
</tr>
</tbody>
</table>

message

Dear #FIELD2# Please pay your child fees of #FIELD3# on or before #FIELD4#

URL Encoded Data of the above message

Dear%20%23FIELD2%23%0APlease%20pay%20your%20child%20fees%20of%20%23FIELD3%23%0Aon%20or%20before%20%23FIELD4%23

Sample XML Data

```xml
<data>
  <number>
    <field>9999999999</field> <!--First field should be mobile no.-->
    <field>Jeevan</field> <!--FIELD2 Data-->  
    <field>100</field> <!--FIELD3 Data-->  
    <field>01-03-2013</field> <!--FIELD4 Data-->  
  </number>
  <number>
    <field>8888888888</field> <!--First field should be mobile no.-->
    <field>Ramu</field> <!--FIELD2 Data-->  
    <field>200</field> <!--FIELD3 Data-->  
    <field>02-03-2013</field> <!--FIELD4 Data-->  
  </number>
</data>
```
Now you need to submit this data into our API, after urlencoding the data, as follows:

```xml
data=<data><number><field>9999999999</field><field>Jeevan</field><field>100</field><field>01-03-2013</field></number><number><field>8888888888</field><field>Ramu</field><field>200</field><field>02-03-2013</field></number></data>
```

Urlencoded form of the above data is

```
%3Cdata%3E%3Cnumber%3E%3Cfield%3E9999999999%3C/field%3E%3Cfield%3EJeevan%3C/field%3E%3Cfield%3E100%3C/field%3E%3Cfield%3E01-03-2013%3C/field%3E%3Cnumber%3E%3Cfield%3E8888888888%3C/field%3E%3Cfield%3ERamu%3C/field%3E%3Cfield%3E200%3C/field%3E%3Cfield%3E02-03-2013%3C/field%3E%3C/data%3E
```

Now just POST these values to our Server for delivery

```
http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=your_sender_id&route=0&message=Dear%20%23FIELD2%23%0APlease%20pay%20your%20child%20fees%20of%20%23FIELD3%23on%20or%20before%20%23FIELD4%23&dynamic=1&itype=xml&data=%3Cdata%3E%3Cnumber%3E%3Cfield%3E9999999999%3C/field%3E%3Cfield%3EJeevan%3C/field%3E%3Cfield%3E100%3C/field%3E%3Cfield%3E01-03-2013%3C/field%3E%3Cnumber%3E%3Cfield%3E8888888888%3C/field%3E%3Cfield%3ERamu%3C/field%3E%3Cfield%3E200%3C/field%3E%3Cfield%3E02-03-2013%3C/field%3E%3C/data%3E
```

System will return you the unique message id as comma separated format

232323,2323231

**XML API for Dynamic Messaging**

Our Simple Yet Powerful Dynamic Messaging API allows you to deliver dynamic message contents to different mobile numbers through a Single API Call.

```
```

`xml=XML_DATA` indicates that you use XML API for dynamic contents.

Now lets take an example of a message content need to deliver to 2 mobile numbers dynamically using XML API.
Sample Database Structure

<table>
<thead>
<tr>
<th>#FIELD1#</th>
<th>#FIELD2#</th>
<th>#FIELD3#</th>
<th>#FIELD4#</th>
</tr>
</thead>
<tbody>
<tr>
<td>9961xxxxx</td>
<td>Rajeev</td>
<td>12</td>
<td>120</td>
</tr>
<tr>
<td>9400xxxxx</td>
<td>Saju</td>
<td>15</td>
<td>150</td>
</tr>
</tbody>
</table>

message

Dear #FIELD2#, Your account has credited with Rs #FIELD3#. Your account balance is #FIELD4#

XML Sample format

```xml
<data>
  <uid>your_uid</uid>
  <pin>your_pin</pin>
  <sender>SENDER</sender>
  <route>0</route>
  <dynamic>1</dynamic>
  <message>
    Dear #FIELD2#, Your account has credited with Rs #FIELD3#. Your account balance is #FIELD4#
  </message>
  <number>
    <field>9961xxxxxx</field> <!-- First field should be mobile no.-->
    <field>Rajeev</field>   <!-- FIELD2 Data-->
    <field>12</field>       <!-- FIELD3 Data-->
    <field>120</field>      <!-- FIELD4 Data-->
  </number>
  <number>
    <field>9400xxxxxx</field> <!-- First field should be mobile no.-->
    <field>Saju</field>     <!-- FIELD2 Data-->
    <field>15</field>       <!-- FIELD3 Data-->
    <field>150</field>      <!-- FIELD4 Data-->
  </number>
</data>
```

Now you need to submit this data into our API, after urlencoding the data, as follows:

```
xmli
  <data>
    <uid>your_uid</uid>
    <pin>your_pin</pin>
    <sender>SENDER</sender>
    <route>0</route>
    <pushid>true</pushid>
    <dynamic>true</dynamic>
    <message>
      Dear #FIELD2#, Your account has credited with Rs #FIELD3#. Your account balance is #FIELD4#
    </message>
    <number>
      <field>9961xxxxxx</field> <!-- First field should be mobile no.-->
      <field>Rajeev</field>   <!-- FIELD2 Data-->
      <field>12</field>       <!-- FIELD3 Data-->
      <field>120</field>      <!-- FIELD4 Data-->
    </number>
    <number>
      <field>9400xxxxxx</field> <!-- First field should be mobile no.-->
      <field>Saju</field>     <!-- FIELD2 Data-->
      <field>15</field>       <!-- FIELD3 Data-->
      <field>150</field>      <!-- FIELD4 Data-->
    </number>
  </data>
```

Urlencoded form of the above data is

```
%3Cdata%3E+%3Cuid%3Eyour_uid%3C%2Fuid%3E+%3Cpin%3Eyour_pin%3C%2Fpin%3E+
%3Csender%3ESENDER%3C%2Fsender%3E+%3Croute%3E0%3C/route%3E+
%3Cpushid%3Etrue%3C/pushid%3E+%3Cdynamic%3Etrue%3C/dynamic%3E+%3Cmessage%3EDear
%3CFIELD2%3E,+Your+account+has+credited+with+Rs+%3CFIELD3%3E.+Your+account+balance+is+%3CFIELD4%3E+%3Cmessage%3E+
%3Cnumber%3E+%3Cfield%3E9961xxxxxx%3C/field%3E+%3Cfield%3ERajeev%3C/field%3E+%3Cfield%3E12%3C/field%3E+
%3Cfield%3E120%3C/field%3E+%3Cnumber%3E+%3Cfield%3E9400xxxxxx%3C/field%3E+
%3Cfield%3ESaju%3C/field%3E+%3Cfield%3E15%3C/field%3E+%3Cfield%3E150%3C/field%3E+
```
Dear #FIELD2#, Your account has credited with Rs #FIELD3#. Your account Balance is #FIELD4#.  

Now just POST these values to our Server for delivery


System will return you the unique message id as comma separated format which can be saved for future references

232323,2323231

If <pushid>1</pushid> is used, then the response will be a single push id which can be saved and used for retrieving the status of all the messages associated with that push id.  
1504565

XML API for Bulk Push

Our Simple Yet Powerful Dynamic Messaging API allows bulk pushing different messages to different mobile numbers through a Single API Call.


‘xml=XML_DATA’ indicates that you use XML API for bulk push.

Bulk Push XML API can be used for sending different messages to different numbers at a time. This is highly useful in the case of sending different information to people.

Consider an example where you need to send different notifications to the
customers of a shop about different products. You can complete this task in a single call to our Bulk Push XML API.

**Sample XML Format**

```xml
<data>
  <uid>your_uid</uid>
  <pin>your_pin</pin>
  <sender>SENDER</sender>
  <route>0</route>
  <pushid>true</pushid>
  <bulkpush>true</bulkpush>
  <number>
    <field>9961xxxxxx</field> <!-- Mobile Number-->
    <field>FIRST MESSAGE</field> <!-- Actual Message-->
  </number>
  <number>
    <field>9400xxxxxx</field> <!-- Mobile Number-->
    <field>SECOND MESSAGE</field> <!-- Actual Message-->
  </number>
</data>
```

Now you need to submit this data into our API, after urlencoding the data, as follows:

```xml
xml=<data><uid>your_uid</uid><pin>your_pin</pin><sender>SENDER</sender><route>0</route><pushid>true</pushid><bulkpush>true</bulkpush><number><field>9961xxxxxx</field><field>FIRST MESSAGE</field></number><number><field>9400xxxxxx</field><field>SECOND MESSAGE</field></number></data>
```

Urlencoded form of the above data is

```
%3Cdata%3E+%3Cuid%3Eyour_uid%3C%2Fuid%3E+%3Cpin%3Eyour_pin%3C%2Fpin%3E+%3Csender%3ESENDER%3C%2Fsender%3E+%3Croute%3E0%3C%2Froute%3E+%3Cpushid%3Etrue%3C%2Fpushid%3E+%3Cbulkpush%3Etrue%3C%2Fbulkpush%3E+%3Cnumber%3E+%3Cfield%3E9961xxxxxx%3C%2菲尔%3E+%3Cfield%3EFIRST MESSAGE%3C%2菲尔%3E+%3Cnumber%3E+%3Cfield%3E9400xxxxxx%3C%2菲尔%3E+%3Cfield%3ESECOND MESSAGE%3C%2菲尔%3E+%3C%2Fdata%3E
```

Now just POST these values to our Server for delivery

%3Cdata%3E+%3Cuid%3Eyour_uid%3C%2Fuid%3E+%3Cpin%3Eyour_pin%3C%2Fpin%3E+%3Csender%3ESENDER%3C%2Fsender%3E+%3Croute%3E0%3C%2Froute%3E+%3Cpushid%3Etrue%3C%2Fpushid%3E+%3Cbulkpush%3Etrue%3C%2Fbulkpush%3E+%3Cnumber%3E+%3Cfield%3E9961xxxxxx%3C%2菲尔%3E+%3Cfield%3EFIRST MESSAGE%3C%2菲尔%3E+%3Cnumber%3E+%3Cfield%3E9400xxxxxx%3C%2菲尔%3E+%3Cfield%3ESECOND MESSAGE%3C%2菲尔%3E+%3C%2Fdata%3E
System will return you the unique message id as comma separated format which can be saved for future references

232323,2323231

If `<pushid>1</pushid>` is used, then the response will be a single push id which can be saved and used for retrieving the status of all the messages associated with that push id.

1504565

**API for Scheduling SMS**

http://yourdomain.com/api/sms.php?uid=your_uid&pin=your_pin&sender=SENDER&route=0&mobile=MOBILE1&message=MESSAGE&time=dd-mm-yyyy-24h-min

Tips : 4th January 2011 at 2:30 PM (format 04-01-2011-14-30)

You can schedule a message to deliver automatically at any time except (8:45pm - 9:10am IST). **sender** is optional for scheduling Normal SMS and Priority SMS, but compulsory for Transactional SMS.

**Sample Response**

On successful scheduling you will receive an unique numeric id like

155246332

If you try to schedule a message in between 8:45pm - 9:10am IST, response will be You can't schedule messages in between 8:45pm - 9:10am. **(Not Applicable for Transactional & International Route)**

Note: All messages will be scheduled and triggered as per the Indian Standard Time (IST).
**API for Deleting Scheduled SMS**

http://yourdomain.com/api/deleteschedule.php?uid=your_uid&pin=your_pin&msgid=MESSAGE-ID

If you are passing the pushid then use pushid=Your PUSH-ID

**Sample Response**

The response will be either

‘Message already sent ‘ if it is already sent

Or

‘Scheduled Message Deleted’ if the message is correctly deleted.

---

**Fetching Delivery Reports**

You can fetch delivery status of each messages based on the unique Message ID or Push ID

**Message Id :** Whenever you are sending an SMS our system will give a message id for each numbers, which can be saved into your database and in future by calling these message id’s you can update the delivery status.

**Push Id :** All messages are assigned with a unique push id, it is very useful if you are passing more than 1 number through Multiple Sending API or Dynamic Sending API. In a single API call you can get complete delivery status of the numbers associated with the Push.

To get the Push ID as response you have to pass pushid=1 as extra parameter in the SMS Sending API, default response is Message ID

**Following are the possible responses you will get when you trigger the Delivery Report API’s**

- **Sent** = SMS Submitted to SMSC [this status can change]
- **Delivered** = Message is correctly delivered
- **DND** = The receiver number is registered under DND
- **Failed** = SMS Failed and not Delivered
- **Invalid Number** = Invalid Number SMS Not Delivered
- **Invalid MessageID sent** = Incorrect messageID passed
- **DND Template Mismatch** = Message content is not matching with template
API to Fetch Single Delivery Report

http://yourdomain.com/api/dlr.php?uid=your_uid&pin=your_pin&msgid=MESSAGE-ID

Sample Response

Delivered

Fetching Delivery Report based on Push ID


Sample JSON Response as below

[{"smsid":"48","mobile":"9020xxxxxx","status":"Sent"}]

Sample XML Response as below

<reports>
  <report>
    <smsid>48</smsid>
    <mobile>9020xxxxxx</mobile>
    <status>Sent</status>
  </report>
</reports>

Sample CSV Response as below

48,9020xxxxxx,Sent

API to Fetch Multiple Delivery Report


Sample Response

Suppose you pass the message ids as

234445,254445

API response, each separated by comma(delimiter), will be

Sent,Sent - Both messages are submitted to SMSC
Sent,Delivered - First one sent, second Message is correctly delivered
DND,Sent - The first receiver number is registered under DND, second message sent
**API to Fetch Multiple Delivery Report using PushId**


**Sample JSON Response as below**

```json
[{
    "smsid": "49",
    "mobile": "9020xxxxxx",
    "status": "Sent"
}, {
    "smsid": "50",
    "mobile": "9037xxxxxx",
    "status": "Sent"
}]
```

**Sample XML Response as below**

```xml
<reports>
  <report>
    <smsid>48</smsid>
    <mobile>9020xxxxxx</mobile>
    <status>Sent</status>
  </report>
  <report>
    <smsid>48</smsid>
    <mobile>9037xxxxxx</mobile>
    <status>Sent</status>
  </report>
</reports>
```

**Sample CSV Response as below**

```
49,9020xxxxxx,Sent  <new line>
50,9037xxxxxx,Sent  <new line>
```

**API to Fetch Date wise Delivery Report**

Using Date Wise Delivery Report API you can easily fetch all reports in a day through a Single API call

http://yourdomain.com/api/dlr.php?uid=your_uid&pin=your_pin&date=dd-mm-yyyy&route=0/1/5&rtype=json/xml/csv

route=0 -> Normal Route
route=1 -> Priority Route
route=4 -> Marketing Route
route=5 -> Transactional Route
route=10 -> Priority - Delivery Route
route=11 -> Marketing - Delivery Route
route=12 -> Transactional - Delivery Route
route=13 -> International Route

Optional Parameters

rtype=json/xml/csv
route=0/1/4/5

Sample JSON Response as below

```json
[
  {
    "smsid" : "48",
    "mobile" : "9020xxxxxx",
    "status" : "Sent"
  },
  {
    "smsid" : "49",
    "mobile" : "8547xxxxxx",
    "status" : "Sent"
  },
  {
    "smsid" : "50",
    "mobile" : "9037xxxxxx",
    "status" : "Sent"
  }
]
```

Sample XML Response as below

```xml
<reports>
  <report>
    <smsid>48</smsid>
    <mobile>9020xxxxxx</mobile>
    <status>Sent</status>
  </report>
  <report>
    <smsid>49</smsid>
    <mobile>8547xxxxxx</mobile>
    <status>Sent</status>
  </report>
  <report>
    <smsid>50</smsid>
    <mobile>9037xxxxxx</mobile>
    <status>Sent</status>
  </report>
</reports>
```

Sample CSV Response as below

```
48,9020xxxxxx,Sent
49,8547xxxxxx,Sent
50,9037xxxxxx,Sent
```
**API to Fetch Current Route Balance**

API to Fetch Current Normal Balance

http://yourdomain.com/api/balance.php?uid=your_uid&pin=your_pin&route=0

<table>
<thead>
<tr>
<th>route</th>
<th>ROUTE NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Normal Route</td>
</tr>
<tr>
<td>1</td>
<td>Priority Route</td>
</tr>
<tr>
<td>4</td>
<td>Marketing Route</td>
</tr>
<tr>
<td>5</td>
<td>Transactional Route</td>
</tr>
<tr>
<td>13</td>
<td>International Route</td>
</tr>
<tr>
<td>10</td>
<td>Priority – Delivery Route</td>
</tr>
<tr>
<td>11</td>
<td>Marketing – Delivery Route</td>
</tr>
<tr>
<td>12</td>
<td>Transactional– Delivery Route</td>
</tr>
</tbody>
</table>

**Note:** API’s are same for all routes, only change in “route” ID

**Sample Response**

The response for balance checking will be the total count of normal messages remaining in your account.

10224

**API to List All Sender ID’s**

http://yourdomain.com/api/getsenderids.php?uid=your_uid&pin=your_pin

All sender id’s will be returned in comma separated format.

Sender Ids are allocated under special procedures only. They are 6 DIGIT alpha codes issued after proper verification.

**Sample Response**

Example : Sender1,Sender2,Sender3,Sender4,

Pre-approved Sender ID is only required for Transactional Routes
### All Possible Responses & Errors

<table>
<thead>
<tr>
<th>Response Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique numeric id</td>
<td>API normal Response after processing</td>
</tr>
<tr>
<td>0,No balance</td>
<td>No SMS left in your account</td>
</tr>
<tr>
<td>Wrong UserID or PIN</td>
<td>You have entered either UserID or PIN incorrectly</td>
</tr>
<tr>
<td>0,Invalid SenderID</td>
<td>(For transactional SMS only) Sender ID is wrong</td>
</tr>
<tr>
<td>0,DND Template Not Matching</td>
<td>DND_Template ID incorrect or mismatch</td>
</tr>
<tr>
<td>You can't schedule messages in between 8:45pm - 9:10am</td>
<td>It is not possible to schedule a message in between 8:45pm-9:10am</td>
</tr>
<tr>
<td>Message already sent</td>
<td>You cannot delete the scheduled message as it is already sent from our system.</td>
</tr>
<tr>
<td>Scheduled Message Deleted</td>
<td>The scheduled message is deleted.</td>
</tr>
<tr>
<td>Invalid Message IDSent</td>
<td>The Message ID is wrong, so you can’t track the message with this ID</td>
</tr>
<tr>
<td>Sent</td>
<td>The message submitted to SMSC for delivery, not yet acknowledged by the end service provider.</td>
</tr>
<tr>
<td>Delivered</td>
<td>The message is delivered to the intended user.</td>
</tr>
<tr>
<td>DND</td>
<td>You cannot send message to this number since it is registered under NDNC.</td>
</tr>
<tr>
<td>Failed</td>
<td>SMS Failed, Not Delivered</td>
</tr>
<tr>
<td>DND Template Mismatch</td>
<td>DND Template not matched, SMS Not Delivered.</td>
</tr>
<tr>
<td>Sender1,Sender2,Sender3,Sender4,</td>
<td>Lists all sender Ids available with your account</td>
</tr>
<tr>
<td>Invalid Request</td>
<td>Missing a compulsory parameter</td>
</tr>
</tbody>
</table>

### Description of Files Used

<table>
<thead>
<tr>
<th>File Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>sms.php</td>
<td>This file handles all the ‘send sms’ requests. It’s function includes handling send requests through all the different routes ,multiple sending or dynamic sending and scheduling.</td>
</tr>
<tr>
<td>balance.php</td>
<td>This file processes the balance enquiry requests for all the routes. You just need to pass your UID and PIN into this file.</td>
</tr>
</tbody>
</table>
### dlr.php
Whenever you want to access the delivery reports of the messages you sent, you need this file. This file helps in fetching single or multiple delivery reports and also datewise delivery report. You have to pass either message ID or push ID to get this done. To get datewise delivery report, pass the date in a specified format along with other optional parameters.

### deleteschedule.php
This file is exclusively used for deleting the scheduled messages in your account.

### getsenderids.php
For Transaction SMS, you need to pass your sender ID. To list all the sender IDs associated with your account, you only need to pass your UID and PIN.

### template.php
You can request any number of Transactional Message contents to be used in your transactional gateway. You need to pass the message content to this file after `urlencoding`.

### Sample API Calling Scripts
Sample API calling source script of PHP, ASP, ASP.NET, C# is available from our website from the API & Downloads -> Downloads Section from

We have PHP Library for Sending SMS through Simple Functions. Please download the same from the API & Downloads -> Downloads

### Important Instructions
Don’t copy paste any contents from any HTML or Web Pages, if you need to copy paste then first copy the contents to Notepad then Paste into our textbox

Before submitting messages to our server please make sure that you have encoded the content of the message using `urlencode` function

Before start integrating our API into your application please construct an API and call the API in any browser and make sure that you got correct response

Example : If you would like to send an SMS using our priority gateway then just fill all the required parameter of the api and copy paste into your browser address bar and hit Enter.
**URL Encoding Details**

We always suggest you to encode the content of the message before submitting into our server which ensures that messages is correctly displayed in the mobile handset

if you are not aware about “urlencode” please contact your programmer or please go through the below websites to have an exact idea.

http://www.w3schools.com/tags/ref_urlencode.asp

Online URL Encoder & Decoder

http://meyerweb.com/eric/tools/dencoder/

**Example before URLEncode**

Hello this is a test text before url encode

**Example after URL Encode**

Hello%20this%20is%20a%20test%20text%20before%20url%20encode%20

**Sample API Call (Transaction Route)**

http://yourdomain/api/sms.php?uid=your_uid&pin=your_in&sender=SENDERID &route=5&tempid=DND_TEMPLATE_ID&mobile=MOBILE1&message=Hello%20this%20is%20a%20test%20text%20before%20url%20encode%20

---

**International Country Calling Codes**

**International Country Calling Code Reference Links**

http://en.wikipedia.org/wiki/List_of_country_calling_codes

http://www.countrycode.org/