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SMS API - Technical Specifications
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Introduction

This is fully technical description for how to use yoursms.net SMS APIs. Almost it is depends on HTTP requests that can tested directly from Internet browser.

all replies coming from HTTP requisites are formulated as XML format to be easy read by any other systems and databases. this can very helpful for developers to automate sending using yoursms.net APIs.

The document structures as three main sections, first is how to send SMS and its reply status. Second section is getting the balance of the user its replies types. Third section is querying yoursms.net about any message status using message id.

The API uses HTTP GET as request and reply with XML formatted document. The core API supports the following methods

1. Send SMS message
2. Get your current balance
3. Check Message Status

Send SMS

Request URI:

http://yoursms.net/eng/api/send_sms.xml

The request parameters as the following

<i>Parameter</i>	<i>Description</i>	<i>Example</i>
username	Contains the username	user1
password	Contains the password	Pa\$\$word
to	Contains the numbers you want to send the message to comma separated, the number shall be an international number without the leading zeros	201001234567,201111234567
content	The message content (url encoded)	Lorem+ipsum+dolor+sit+amet%2C+consectetur+a+dipiscing+elit.+Fusce+eg+et+mauris+ut+lectus+vulputate+sollicitudin.+Donec+nec+lacus+ultrices+sem+feugiat+pulvinar.
from (optional)	The sender name you have registered with through yoursms.net. If it was not defined, the username will be used as the sender name	Sender

The full URL will look like this:

[https://yoursms.net/eng/api/send_sms.xml?username=user1&password=P%20a\\$\\$w%20ord&from=mySenderName&to=20100xxxxxx,2011xxxxxx&content=MsgContent](https://yoursms.net/eng/api/send_sms.xml?username=user1&password=P%20a$$w%20ord&from=mySenderName&to=20100xxxxxx,2011xxxxxx&content=MsgContent).

The API will reply with the following output:

```
- <response>
  - <message>
    <id>4f30f9e6-128c-425c-b004-0a12f428d542</id>
    <status>pending</status>
  </message>
  - <invalid_numbers>
    <number>9661005896643</number>
    <number>01005896643</number>
    <number>5555555</number>
  </invalid_numbers>
</response>
```

The message element contains the message details, which will be the ID and the status, the message ID will be needed when retrieving the message status, later on. If the message status is pending, then the message was submitted successfully. You will find all the status messages with their description at the end of this document.

If there are invalid numbers, It will be presented in the invalid numbers elements, which means that all these numbers were omitted from the message, due to their invalidity or they are not supported yet.

If encountered an error you will receive an output like the following:

```
- <response>  
- <message>  
  <status>failed</status>  
  </message>  
  <error>Unable to authenticate user</error>  
</response>
```

Get Balance

Get the current balance of the user

Request URI: <https://yoursms.net/eng/api/balance.xml>

<i>Parameter</i>	<i>Description</i>	<i>Example</i>
username	Contains the username	user1
password	Contains the password	Pa\$\$word

If everything has gone well you are going to receive an output like the following:

```
- <response>
  <balance>454</balance>
</response>
```

Which contains the number of points remaining in your account.

Get Message Status

This method allows you to check the message status if it's pending, currently being sent, or sent successfully.

Request URL: https://yoursms.net/eng/api/message_status.xml

Parameter	Description	Example
username	Contains the username	user1
password	Contains the password	Pa\$\$word
mid	Message ID, that was returned from the send message API call	4f2fd7d2-11dc-424d-9ece-07b7f428d542

The output would be as the following:

```
- <response>  
  - <message>  
    <id>4f2fd7d2-11dc-424d-9ece-07b7f428d542</id>  
    <status>in_progress</status>  
  </message>  
</response>
```

Message Status

Status	Description
pending	Awaiting to be sent
in progress	Currently being sent
Sent	Sent successfully

Schedule Message

```
https://yoursms.net/eng/api/send_sms.xml?  
username=Username&password=xxxxxx&from=20100xxxxxxx&to=20100xxxxxxx&  
content=hi how are you&scheduled=2014-12-22%2012:41:51
```

The API will reply with the following output

```
<response>  
  <message>  
    <id>544cf120-8c18-4850-a596-0c0cf428d542</id>  
    <status>sent</status>  
    <cost>1.5</cost>  
  </message>  
</response>
```


Cancel scheduled

http://yoursms.net/eng/api/cancel_sms.xml?username=Username&password=xxxxxx&mid=544cd297-50a8-4d2e-9ab4-0c0cf428d542

The output would be as the following:

```
<response>
<message>
  <status>Done</status>
</message>
</response>
```

list scheduled

http://yoursms.net/eng/api/list_scheduled.xml?username=Username&password=xxxxxx

The output would be as the following:

```
<response>
<message>
  <id>53eb34f6-cc44-4eb3-abcc-03ccf428d542</id>
  <sender_name>20100xxxxxxx</sender_name>
  <to>2011xxxxxxx,96656xxxx</to>
  <message_content>Message Content Message Content</message_content>
</message>
<message>
  <id>53eb38f7-f494-4fdc-8eea-03ccf428d542</id>
  <sender_name>20100xxxxxxx</sender_name>
  <to>2011xxxxxx,96656xxxx</to>
  <message_content>Message Content Content</message_content>
</message>
</response>
```

Update scheduled

http://yoursms.net/eng/api/update_scheduled.xml?username=Username&password=xxxxxx&scheduled=2014-09-22%2012:41:51&mid=544cd297-50a8-4d2e-9ab4-0c0cf428d542

The output would be as the following:

```
<response>
<message>
  <status>Done</status>
</message>
</response>
```

Add Sender Name

http://yoursms.net/eng/api/add_sendername.xml?username=username&password=1***&sendername=name

The output would be as the following:

```
<response>
<message>
  <status>Pending</status>
</message>
</response>
```

On invalid data you will get the below.

```
response>
<message>
  <status>Unable to authenticate user </status>
</message>
</response>
```