



HTTP SMS API Specification

Version 1.0

This document contains HTTP API information about pushing SMS messages, checking SMS credits, checking date wise DLR, message ID wise DLR with mobile number. It also contains parameters and its descriptions & list of return values and their descriptions.

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HTTP API Specs - Pushing SMS messages

For sending messages use the URL given below:

http://smsapi.24x7sms.com/api_1.0/SendSMS.aspx?EmailID=xxxx&Password=xxxx&MobileNo=xxxxxxxxxxxx,xxxxxxxxxxxx&SenderID=xxxx&Message=xxxx&ServiceName=xxxx

The parameters that are going to be passed and their descriptions are given below:

Parameter name	Parameter Description
EmailID	This will contain the username of the user
Password	This field will contain the password of the user
Mobile No	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.
Sender ID	This field will hold the Header that will be displayed on the GSM mobile phones and it should be of 6 characters as approved for the user.
Message	The message length should be less than 1000 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
ServiceName	Here you need to pass the Service Name for which you have subscribed for e.g. PROMOTIONAL_LOW PROMOTIONAL_HIGH TEMPLATE_BASED OPTIN_OPTOUT INTERNATIONAL

Note: By default your account is Promotional so

ServiceName = PROMOTIONAL_HIGH and Sender ID = ALERTS

Here is the list of return values when the HTTP request is made for pushing SMS

Parameter Name	Parameter Description
INVALID username or password	If the username OR password are not valid
MsgID:MobileNo:BatchID	All the messages are submitted successfully. MsgID – this will contain an alphanumeric ID that will be useful while retrieving the reports. BatchID – this is a unique ID generated for all the messages sent in the Batch
INVALID PARAMETERS	If any parameter value is missing or requesting URL is incorrect.
INVALID SenderID	If the Sender ID is not the one approved by us.
INSUFFICIENT_CREDIT	If the credits are not enough to send the message

HTTP API Specs - Schedule SMS messages

For sending Schedule messages use the URL given below:

http://smsapi.24x7sms.com/api_1.0/SendSMS.aspx?EmailID=xxxx&Password=xxxx&MobileNo=xxxxxxxxxxxx,xxxxxxxxxxxx&SenderID=xxxx&Message=xxxx&ServiceName=xxxx&ScheduleDate=xxx

The parameters that are going to be passed and their descriptions are given below:

Parameter name	Parameter Description
EmailID	This will contain the username of the user
Password	This field will contain the password of the user
Mobile No	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.
Sender ID	This field will hold the Header that will be displayed on the GSM mobile phones and it should be of 6 characters as approved for the user.
Message	The message length should be less than 1000 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
ServiceName	Here you need to pass the Service Name for which you have subscribed for e.g. PROMOTIONAL_LOW PROMOTIONAL_HIGH TEMPLATE_BASED OPTIN_OPTOUT INTERNATIONAL
ScheduleDate	MM-dd-yyyy HH:mm:ss i.e. 04-24-2013 17:05:00

Here is the list of return values when the HTTP request is made for pushing SMS

Parameter Name	Parameter Description
INVALID username or password	If the username OR password are not valid
MsgID:MobileNo:BatchID	All the messages are submitted successfully. MsgID – this will contain an alphanumeric ID that will be useful while retrieving the reports. BatchID – this is a unique ID generated for all the messages sent in the Batch
INVALID PARAMETERS	If any parameter value is missing or requesting URL is incorrect.
INVALID SenderID	If the Sender ID is not the one approved by us.
INSUFFICIENT_CREDIT	If the credits are not enough to send the message

HTTP API Specs – Delete Schedule SMS messages

For Deleting Schedule messages use the URL given below:

http://smsapi.24x7sms.com/api_1.0/DeleteScheduleSMS.aspx?EmailID=xxxx&Password=xxxx&ServiceName=xxxx&ScheduleDate=xxx&BatchID=xxx

The parameters that are going to be passed and their descriptions are given below:

Parameter name	Parameter Description
EmailID	This will contain the username of the user
Password	This field will contain the password of the user
ServiceName	Here you need to pass the Service Name for which you have subscribed for e.g. PROMOTIONAL_LOW PROMOTIONAL_HIGH TEMPLATE_BASED OPTIN_OPTOUT INTERNATIONAL
ScheduleDate	MM-dd-yyyy HH:mm:ss i.e. 04-24-2013 17:05:00
BatchID	BatchID – this is a unique ID generated for all the messages sent in the Batch which you will receive at the time of Scheduling the message.

Here is the list of return values when the HTTP request is made for pushing SMS

Parameter Name	Parameter Description
INVALID username or password	If the username OR password are not valid
Schedule Deleted Successfully	All the messages deleted successfully.
INVALID PARAMETERS	If any parameter value is missing or requesting URL is incorrect.

HTTP API Specs – Checking Credits

For checking credits use the URL given below:

[http://smsapi.24x7sms.com/api_1.0/BalanceCheck.aspx?EmailID=xxxx&Password=xxxx&ServiceName=x
xxx](http://smsapi.24x7sms.com/api_1.0/BalanceCheck.aspx?EmailID=xxxx&Password=xxxx&ServiceName=x
xxx)

The parameters that are going to be passed and their description are given below:

Parameter name	Parameter Description
EmailID	This will contain the username of the user
Password	This field will contain the password of the user
SeviceName	Here you need to pass the Service Name for which you have subscribed for e.g. PROMOTIONAL_LOW PROMOTIONAL_HIGH TEMPLATE_BASED OPTIN_OPTOUT INTERNATIONAL

Here is the list of return values when the HTTP request is made for checking credits

Parameter name	Parameter Description
Balance: <credits left>	This will give the total no of messages that are left
INVALID PARAMETERS	If any parameter value is missing or requesting URL is incorrect.
INVALID username or password	If the username OR password are not valid

HTTP API Specs – Date wise Delivery Reports

For checking delivery reports use the URL given below:

http://smsapi.24x7sms.com/api_1.0/GetReports.aspx?EmailID=xxxx&Password=xxxx&StartDate=xxxx&EndDate=xxxx

The parameters that are going to be passed and their descriptions are given below

Parameter name	Parameter Description
EmailID	This will contain the username of the user
Password	This will contain the password of the user
StartDate	Format MM-dd-yyyy
EndDate	Format MM-dd-yyyy

Sample Output

MsgID:919900XXXXXX:04/25/2010 07:34:56 PM:DELIVERED:IGLOBE

Here is the list of return values when the HTTP request is made for date wise DLR

Parameter name	Parameter Description
MsgID	32 digits Alphanumeric Message ID
: (i.e. colon)	This sign divides fields as listed below: 1. Message ID 2. Recipient Mobile Number 3. Delivered Date Time 4. Status 5. Sender ID
INVALID PARAMETERS	If any parameter value is missing or requesting URL is incorrect.
INVALID username or password	If the username OR password are not valid.
No Records found	If there are no records on the given dates

HTTP API Specs – Message ID wise Delivery Reports (With Mobile No.)

For checking delivery reports use the URL given below:

[http://smsapi.24x7sms.com/api_1.0/GetReportMsgID.aspx?EmailID=xxxx&Password=xxxx&MsgID=xxxx
&SenderID=XXX](http://smsapi.24x7sms.com/api_1.0/GetReportMsgID.aspx?EmailID=xxxx&Password=xxxx&MsgID=xxxx&SenderID=XXX)

The parameters that are going to be passed and their descriptions are given below

Parameter name	Parameter Description
EmailID	This will contain the username of the user
Password	This will contain the password of the user
MsgID	This field will contain the ID (MsgID) that was captured while sending the SMS
SenderID	This field will contain the SenderID used to send this message

Sample Output

MsgID:919900XXXXXX:04/25/2010 07:34:56 PM:DELIVRD:IGLOBE

Here is the list of return values when the HTTP request is made for date wise DLR

Parameter name	Parameter Description
MsgID	32 digits Alphanumeric Message ID
: (i.e. colon)	This sign divides fields as listed below: 1. Message ID 2. Recipient Mobile Number 3. Delivered Date Time 4. Status 5. Sender ID
INVALID PARAMETERS	If any parameter value is missing or requesting URL is incorrect.
INVALID username or password	If the username OR password are not valid.
INVALID MsgID	If the Message ID is invalid.

HTTP API Specs – Sample Code (.net)

```
public string MakeWebRequestGET(string url) //url is http api
```

```
{
    string result = "";
    try
    {
        WebRequest WReq = WebRequest.Create(url);
        WebResponse wResp = WReq.GetResponse();
        StreamReader sr = new StreamReader(wResp.GetResponseStream());
        result = sr.ReadToEnd();
        sr.Close();
    }
    catch (Exception e)
    {
    }
    finally
    {
    }
    return result; //result gives you message id
}
```

```
protected void SendSMS()
```

```
{
    string
    url="http://smsapi.24x7sms.com/api\_1.0/SendSMS.aspx?EmailID=xxxx&Password=xxxx&MobileNo=xxxxx
xxxxxxx,xxxxxxxxxxxx&SenderID=xxxx&Message=xxxx&ServiceName=xxxx";
    string request = url;
    string success = MakeWebRequestGET(request);
}
```

HTTP API Specs – Sample Code (PHP)

```
$ch=curl_init();  
  
curl_setopt($ch,CURLOPT_URL,"http://smsapi.24x7sms.com/api_1.0/SendSMS.aspx?EmailID=xxxx&Password=xx  
xx&MobileNo=xxxxxxxxxxxx,xxxxxxxxxxxx&SenderID=xxxx&Message=xxxx&ServiceName=xxxx);  
  
curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);  
  
$output =curl_exec($ch);  
  
curl_close($ch);
```

Thank You