

# OnnoRokom Webservice & Api Manual

Version - 3.1

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### Introduction

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OnnoRokom SMS Service (OSS) is developed to provide a handy way of sending single and bulk messages. You have the option to manage Contact list from your own client panel. Masking and nonmasking both types are supported, We are providing you the opportunity to Send SMS from Excel sheet as well as ordinary way .You can view your report and other statistics in different angles.

OnnoRokom Web Service uses Microsoft Internet Information Server to provide the underlying HTTP server functionality.

This user manual briefly describes how to use this portal.

#### Reference:

Service Reference: <https://api2.onnorokomsms.com/sendsms.asmx>

Service WSDL: <https://api2.onnorokomsms.com/sendsms.asmx?WSDL>

## Specifications of All Operations

### Using UserName and Password

Method	Description
OneToOne	Single Sms Send Method
OneToOneBulk	Each and every number contains individual message
OneToMany	Bulk Sms Method
DeliveryStatus	Return Delivery Status
GetBalance	Balance Check

### Using Api Key

Method	Description
NumberSms	Single Sms Send Method
ListSms	Each and every number contains individual message
SMSDeliveryStatus	SMS status check
GetCurrentBalance	Balance Check

**Return Value:** Server will response following string

**Response Code||recipientnumber||responseId**

## Operation Overview

**Send Single Message**

**Sms Type:** 1) TEXT 2) UCS

**Description:** Single Sms Send(OneToOne)

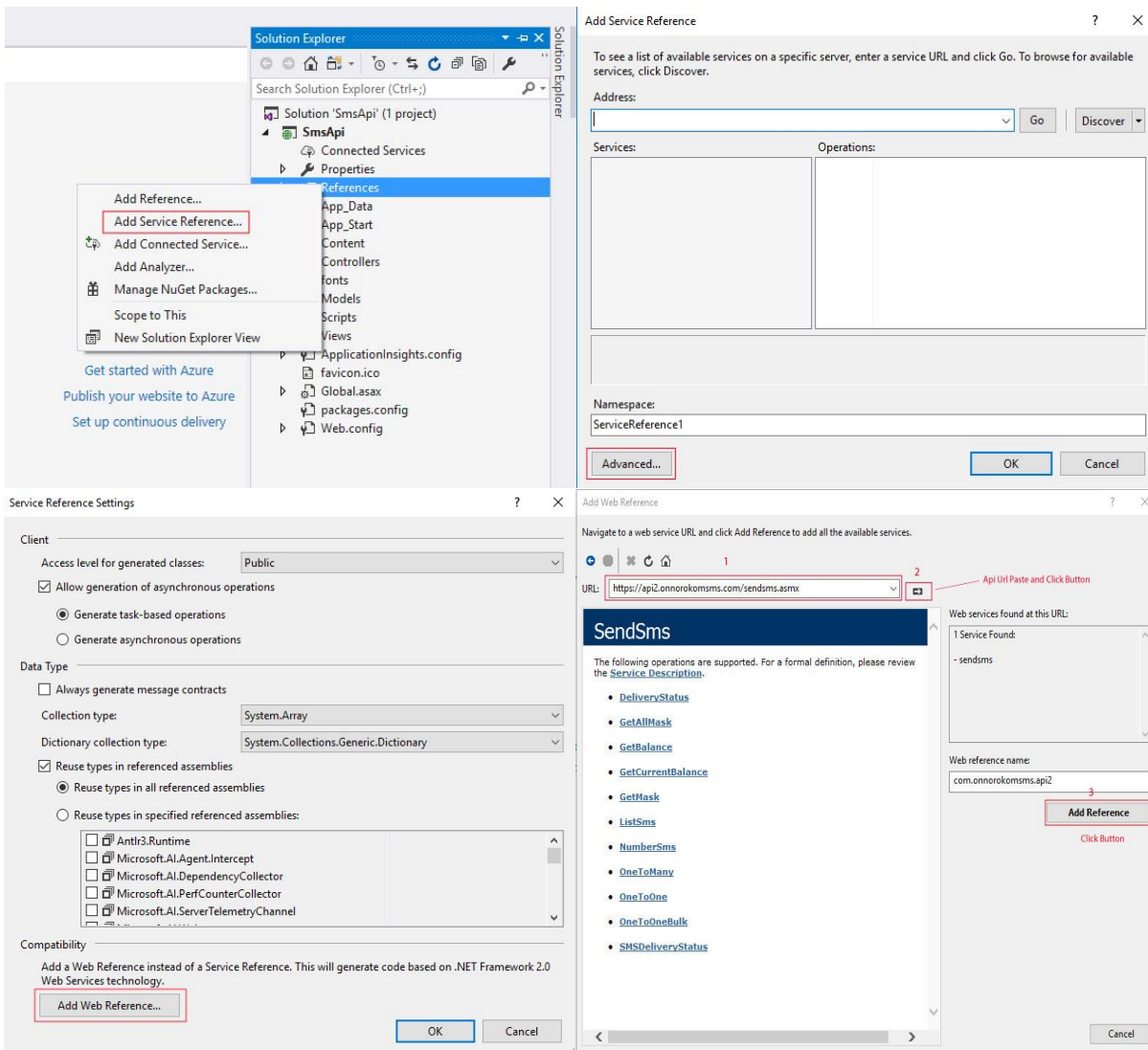
**Signature:**

OneToOne(string userName, string userPassword, string mobileNumber, string smsText, string type, string maskName = "", string campaignName = "")

**Parameters:**

Input Fields	Type	Description
userName	String	User name which is used for login
userPassword	String	Password
mobileNumber	String	Valid recipient number
smsText	String	TEXT or UCS
type	String	Sms Type See Below
maskName	String	Mask Name which is allowed to your client panel
campaignName	string	Campaign Name

## Send OneToOne Message .Net Service Reference Add



The screenshot illustrates the steps to add a service reference in Visual Studio:

- Add Service Reference Dialog:** Shows the 'Address' field and 'Discover' button. The 'Namespace' is set to 'ServiceReference1'.
- Service Reference Settings:** Shows options for 'Client' (Access level: Public), 'Data Type' (Collection type: System.Array), and 'Compatibility' (Add Web Reference instead of a Service Reference).
- Add Web Reference Dialog:** Shows the URL 'https://api2.onnorokomsms.com/sendsms.asmx' and a list of operations including 'OneToOne'. The 'Add Reference' button is highlighted.

### .Net: Example

```
using SmsApi.com.onnorokomsms.api;
void SendOneToOneSingleSms()
{
    try
    {
        var sms = new SendSms();
        string returnValue = sms.OneToOne("userName", "userPassword", "mobileNumber", "smsText",
            "type", "maskName", "campaignName");
    }
    catch (Exception ex)
    {
        throw ex;
    }
}
```

**Response:** 1900||017...||3254256/



3) extract the Step#1 downloaded file contents and place in the above DIR "ext".  
It extracts into its own dir "nusoap-for-php5.3-0.7.3".  
Just copy the whole dir in " D:/php/wamp/bin/php/php5.3.5/ext/"

4) In php.ini, look for uncomment the php\_soap.dll extension for it to be load.

```
//find the line that looks like below  
;extension=php_soap.dll
```

```
//un comment it as follows:  
extension=php_soap.dll
```

Save edited php.ini file and Close it.

5) Finally Done, Restart server all services and reload the server configuration file.  
SOAP enable details seen there similarly to 1st picture.

## PHP: Example

```
<?php
try{
    $soapClient = new SoapClient("https://api2.onnorokomSMS.com/sendSMS.asmx?wsdl");
    $paramArray = array(
        'userName'      => "USER NAME",
        'userPassword'  => "PASSWORD",
        'mobileNumber'  => "017...",
        'smsText'       => "This is a SMS",
        'type'          => "TEXT",
        'maskName'      => '',
        'campaignName'  => '',
    );

    $value = $soapClient->__call("OneToOne", array($paramArray));
    echo $value->OneToOneResult;

} catch (Exception $e) {
    echo $e->getMessage();
}
```

Response: 1900||017...||3254256/

## Java

### Java: Example

```
SendSms sms = new SendSms();
SendSmsSoap port = sms.getSendSmsSoap();
String userName = "USERNAME";
String password = "PASSWORD";
String mobileNumber = "RECIEPENT NUMBER";
String smsBody = "This is a test sms";
String smsType = "TEXT";
String maskName = "";
String campaignName = "";
try{
    String returnValue = port.oneToOne(userName, password, mobileNumber, smsBody, smsType, maskName,
    campaignName);
    //Developer can use this "returnValue" for further purpose
}
catch(Exception ex){}
```

Response: 1900||017...||3254256/

## Python

(For sending SMS from online server or local server to send SMS make sure SOAP (ZEEP or others) is enabled.)

**Python:** Example

**ZEEP install documentation:** <http://docs.python-zeep.org/en/master/>

```
from zeep import Client
```

```
url = 'https://api2.onnorokomsms.com/sendsms.asmx?WSDL'
client = Client(url)
```

```
userName = 'USERNAME'
password = 'PASSWORD'
recipientNumber = '017...'
smsText = 'Hello Python'
smsType = 'TEXT'
maskName = ''
campaignName = ''
```

```
client.service.OneToOne(userName,password,recipientNumber,smsText,smsType,maskName,campaignName)
```

**Response:** 1900||017...||3254256/

## Send OneToMany Message

**Description:** One to Many Sms Send

**Signature:**

```
OneToMany(string userName, string userPassword, string numberList, string smsText,
string type, string maskName = "", string campaignName = "")
```

**Parameters:**

Input Fields	Type	Description
userName	String	User name which is used for login
userPassword	String	Password
messageText	String	Text or UCS
numberList	String	Valid recipient number as list
smsType	String	Sms Type See Below
maskName	String	Mask Name which is allowed to your client panel
campaignName	string	Campaign Name

## .Net

**.Net:** Example

```
using SmsApi.com.onnorokomsms.api;
void SendOneToManySms()
{
    try
    {
        var sms = new SendSms();
        string returnValue = sms.OneToOne("userName", "userPassword", "mobileNumber1, mobileNumber2",
        "smsText", "type", "maskName", "campaignName");
    }
    catch (Exception ex)
    {
        throw ex;
    }
}
```

**Response:** 1900||017...||3254256/1900||0173...||325456/

## PHP

**PHP:** Example

<?php

```
try{
    $soapClient = new SoapClient("https://api2.onnorokomSMS.com/sendSMS.asmx?wsdl");
    $paramArray = array(
        'userName' => "USER NAME",
        'userPassword' => "PASSWORD",
        'messageText' => "This is a SMS",
        'numberList' => "017.....,0173.....",
        'smsType' => "TEXT",
        'maskName' => '',
        'campaignName' => ''
    );
    $value = $soapClient->__call("OneToMany", array($paramArray));
    echo $value->OneToManyResult;

} catch (Exception $e) {
    echo $e->getMessage();
}
```

**Response:** 1900||017...||3254256/1900||0173...||325456/



## Java

### Java: Example

```
SendSms sms = new SendSms();
SendSmsSoap port = sms.getSendSmsSoap();
String userName = "hirok";
String password = "Hirok2207";
List<String> numberList = Stream.of("0172...", "0170...").split(",").collect(Collectors.toList());
String smsBody = "This is a test sms";
String smsType = "TEXT";
String maskName = "";
String campaignName = "";
try{
String returnValue = port.oneToMany(userName, password, smsBody, numberList.toString(), smsType,
maskName, campaignName);

//Developer can use this "returnValue" for further purpose
}
catch(Exception ex){ }
Response: 1900||017...||3254256/1900||0173...||325456/
```

## Python

### Python: Example

```
from zeep import Client
```

```
url = 'https://api2.onnorokomsms.com/sendsms.asmx?WSDL'
client = Client(url)
username = 'USERNAME'
password = 'PASSWORD'
recipientNumber = ['017...', '017...']
numberList = ",".join(recipientNumber)
smsText = 'Hello Python'
smsType = 'TEXT'
maskName = ''
campaignName = ''
```

```
client.service.OneToMany(username, password, smsText, numberList, smsType, maskName, campaignName)
```

```
Response: 1900||017...||325.../1900||0173...||325.../
```

## Send SMS Using Api Key Number SMS .Net

**.Net:** Example

```
using SmsApi.com.onnorokomsms.api;
void SendOneToOneSingleSms()
{
    try
    {
        var sms = new SendSms();
        string returnValue = sms.NumberSms("apiKey","messageText", "numberList", "smsType",
        "maskName", "campaignName");
    }
    catch (Exception ex)
    {
        throw ex;
    }
}
```

**Response:** 1900||017...||3254256/

## PHP

(For sending SMS from online server or local server to send SMS make sure SOAP is enabled.)

**PHP:** Example

```
<?php
try{
    $soapClient = new SoapClient("https://api2.onnorokomSMS.com/sendSMS.asmx?wsdl");
    $paramArray = array(
        'apiKey' => "ApiKey",
        'messageText' => "Test SMS",
        'numberList' => "017...",
        'smsType' => "TEXT",
        'maskName' => '',
        'campaignName' => ''
    );

    $value = $soapClient->__call("NumberSms", array($paramArray));
    echo $value->numberSmsResult;

} catch (Exception $e) {
    echo $e->getMessage();
}
```

**Response:** 1900||017...||325.../

## Java

### Java: Example

```
SendSms sms = new SendSms();
SendSmsSoap port = sms.getSendSmsSoap();
String apiKey = "ApiKey";
String mobileNumber = "mobile_number";
String smsBody = "This is a test sms";
String smsType = "TEXT";
String maskName = "";
String campaignName = "";
try{
    String returnValue = port.numberSms(apiKey, mobileNumber, smsBody, smsType, maskName,
campaignName);
    //Developer can use this "returnValue" for further purpose
}
catch(Exception ex){}
```

Response: 1900||017...||325.../

## Python

(For sending SMS from online server or local server to send SMS make sure SOAP (ZEEP or others) is enabled.)

### Python: Example

```
from zeep import Client

url = 'https://api2.onnorokomsms.com/sendsms.asmx?WSDL'
client = Client(url)
apiKey = 'ApiKey'
smsText = 'Hello Python'
recipientNumber = '017...'
smsType = 'TEXT'
maskName = ''
campaignName = ''

client.service.NumberSms(apiKey, smsText, recipientNumber, smsType, maskName, campaignName)
```

Response: 1900||017...||325.../

## Send Bulk Message

**Description:** OneToOneBulk Sms Send

**Signature:** OneToOneBulk(MessageHeader messageHeader, List<WsSms> wsSmses)

**N.B.: Allow only 500 per request.**

```
try
{
    int count = 5;
    var sms = new SendSms();
    var wSms = new WsSms();
    var messageHeader = new MessageHeader();
    messageHeader.UserName = "UserName";
    messageHeader.UserPassword = "Password";
    messageHeader.CampingName = "";
    messageHeader.MarskText = "";
    var arrayList = new List<WsSms>();
    for (int i = 0; i < count; i++)
    {
        wSms.MobileNumber = "017...";
        wSms.SmsText = "Api Test";
        wSms.Type = "TEXT";
        arrayList.Add(wSms);
    }
    var returnResult = sms.OneToOneBulk(messageHeader, arrayList);
}
catch (Exception ex)
{
    throw ex;
}
```

## Get Balance Check User Name and Password

### .Net

```
using SmsApi.com.onnorokomsms.api;
void SendOneToOneSingleSms()
{
    try
    {
        var sms = new SendSms();
        string returnValue = sms.GetBalance("userName", "userPassword");
    }
    catch (Exception ex)
    {
        throw ex;
    }
}
```

## PHP

```
<?php
try{
    $soapClient = new SoapClient("https://api2.onnorokomSMS.com/sendSMS.asmx?wsdl");
    $paramArray = array(
        'userName' => "USER NAME",
        'userPassword' => "PASSWORD",
    );

    $value = $soapClient->__call("GetBalance", array($paramArray));
    echo $value->GetBalanceResult;

} catch (Exception $e) {
    echo $e->getMessage();
}
```

## Java

```
SendSms sms = new SendSms();
SendSmsSoap port = sms.getSendSmsSoap();
String userName = "USERNAME";
String password = "PASSWORD";
try{
    String returnValue = port.getBalance(userName, password);
    //Developer can use this "returnValue" for further purpose
}
catch(Exception ex){}
```

## Python

```
from zeep import Client

url = 'https://api2.onnorokomsms.com/sendsms.asmx?WSDL'
client = Client(url)

userName = 'USERNAME'
password = 'PASSWORD'
client.service.GetBalance(userName,password)
```

## Api Key

## **.Net**

```
using SmsApi.com.onnorokomsms.api;
void SendOneToOneSingleSms()
{
    try
    {
        var sms = new SendSms();
        string returnValue = sms.GetCurrentBalance("ApiKey");
    }
    catch (Exception ex)
    {
        throw ex;
    }
}
```

## PHP

```
<?php
try{
    $soapClient = new SoapClient("https://api2.onnorokomSMS.com/sendSMS.asmx?wsdl");
    $paramArray = array(
        'apiKey' => "apiKey",
    );

    $value = $soapClient->__call("GetCurrentBalance", array($paramArray));
    echo $value->GetBalanceResult;

} catch (Exception $e) {
    echo $e->getMessage();
}
```

## Java

```
SendSms sms = new SendSms();
SendSmsSoap port = sms.getSendSmsSoap();
String apiKey = "apiKey";
try{
    String returnValue = port.getCurrentBalance(apiKey);

    //Developer can use this "returnValue" for further purpose
}
catch(Exception ex){}
```

## Python

```
from zeep import Client
url = 'https://api2.onnorokomsms.com/sendsms.asmx?WSDL'
client = Client(url)
apiKey = 'ApiKey'
client.service.GetCurrentBalance(apiKey)
```

## Get Delivery Status

### Description:

This function is for getting status info about a message using a unique identification number (MessageId) which is received from the above two methods. If your request is successfully processed then it will return a Success/Error code(which will be described below), recipient number and responseId separated by “||”. It is suggested to call this method after certain period of time .For example, after calling OneToOne() or OneToMany, you will get a responseId . Then after two hour, you can call DeliveryStatus using the responseId to get updated status of the message.

**Signature:** DeliveryStatus(String userName, string userPassword, string responseId)

**Return Value:** Server will response following string

**Response Code||recipientnumber||responseId**

Suppose a response from server is **1905||0171...||17079** [see Code]

Means server did not count it as a valid destination number because country code is not added.

Success Code for message is 1900.

Suppose a response from server is **1900||01710...||17080** means successfully processed and ready to send this sms.

### Error Code:

| Serial Number | Error Code | Description   |
|---------------|------------|---|
| 1             | 1901       | Parameter content missing                                     |
| 2             | 1902       | Invalid user/pass   |
| 3             | 1903       | Not enough balance  |
| 4             | 1905       | Invalid destination number                                    |
| 5             | 1906       | Operator Not found  |
| 6             | 1907       | Invalid mask Name   |
| 7             | 1908       | Sms body too long   |
| 8             | 1909       | Duplicate campaign Name                                       |
| 9             | 1910       | Invalid message   |
| 10            | 1911       | Too many Sms Request. Please try less than 500 in one request |

### Delivery Status Update Code:

| Code | Description |
|------|-------------|
| 3    | Delivered   |
| 4    | failed      |

## Api Documentation

### Specifications of All Operations

#### Using UserName and Password

| Method         | Description                                       |
|----------------|---|
| OneToOne       | Single Sms Send Method                            |
| OneToOneBulk   | Each and every number contains individual message |
| OneToMany      | Bulk Sms Method                                   |
| DeliveryStatus | Return Delivery Status                            |
| GetBalance     | Balance Check                                     |

#### Using Api Key

| Method            | Description                                       |
|-------------------|---|
| NumberSms         | Single Sms Send Method                            |
| ListSms           | Each and every number contains individual message |
| SMSDeliveryStatus | SMS status check                                  |
| GetCurrentBalance | Balance Check                                     |

**Return Value:** Server will response following string

**Response Code||recipientnumber||responseId**

| Parameter    | Description                                     |
|--------------|---|
| username     | User name which is used for login               |
| password     | Password  |
| smsText      | Text or UCS                                     |
| mobile       | Valid recipient number or list of number        |
| type         | Sms Type See Below                              |
| maskName     | Mask Name which is allowed to your client panel |
| campaignName | Campaign Name                                   |

#### Using UserName & Password

##### OneToOne

-----  
 GET Request:  
<https://api2.onnorokomsms.com/HttpSendSms.ashx?op=OneToOne&type=TEXT&mobile=0170000000&smsText=YourText&username=username&password=password&maskName=&campaignName=>  
 Response: 1900||017...||39.../  
 -----

##### OneToMany

-----  
 GET Request: <https://api2.onnorokomsms.com/HttpSendSms.ashx?op=OneToMany&type=TEXT&mobile=0170000000,0180000000&smsText=YourText&username=username&password=password&maskName=&campaignName=>  
 Response: 1900||017...||39.../1900||017...||39.../  
 -----



### DeliveryStatus

-----

GET Request:

<https://api2.onnorokomsms.com/HttpSendSms.ashx?op=DeliveryStatus&responseId=390...&username=username&password=password&maskName=&campaignName=>

Response: 2

Responses: 1 = Pending, 2 = Delivered, 3 = Failed

-----

### GetBalance

-----

GET Request:

<https://api2.onnorokomsms.com/HttpSendSms.ashx?op=GetBalance&username=username&password=password&maskName=&campaignName=>

Response: 100.05

-----

### Using API Key

#### NumberSms

-----

POST Request:

<https://api2.onnorokomsms.com/HttpSendSms.ashx?op=NumberSms&apiKey=ApiKey&type=TEXT&mobile=0170000000,0170000001&smsText=YourText&maskName=&campaignName=>

Response: 1900|017...|390.../1900|017...|390.../

-----

#### ListSms

-----

POST Request:

[https://api2.onnorokomsms.com/HttpSendSms.ashx?op=ListSms&apiKey=ApiKey&type=TEXT&smsListJson=\[{"MobileNumber":"017000000","SmsText":"Individual List SMS is ok","Type":"TEXT"},{"MobileNumber":"0180000000","SmsText":"Individual List SMS2 is ok","Type":"TEXT"}\]&maskName=&campaignName=](https://api2.onnorokomsms.com/HttpSendSms.ashx?op=ListSms&apiKey=ApiKey&type=TEXT&smsListJson=[{)

Response: 1900|0170...|390.../1900|018...|390.../

-----

#### GetCurrentBalance

-----

POST Request: <https://api2.onnorokomsms.com/HttpSendSms.ashx?op=GetCurrentBalance&apiKey=ApiKey>

Response: 100.60

-----