

# SMS API MODULE -user V.3.1

Integrate your business through SMS solution

## Contents

<b>I. Send SMS</b> .....	<b>2</b>
I.1. Send an SMS.....	2
I.2. Simple Way to Send an SMS .....	2
I.3. Send SMS by Group.....	2
<b>II. PHONE BOOK</b> .....	<b>4</b>
II.1. Add Phone Book.....	4
II.2. Edit Phone Book .....	4
II.3. Delete Phone Book.....	5
II.4. Get Contact List.....	5
II.5. Get Contact List by Group .....	5
II.6. Get Complete Data.....	6
II.6. Find Name .....	6
II.7. Find Phone Number .....	6
<b>III. Group</b> .....	<b>7</b>
III.1. Add Group .....	7
III.2. Edit Group .....	7
III.3. Delete Group.....	7
III.4. Get List of Group .....	8
III.5. Find Group.....	8
<b>IV. User Account</b> .....	<b>9</b>
IV.1. Checking Customer Account Balance .....	9
IV.1. Change Password.....	9
<b>V. Report</b> .....	<b>10</b>
V.1. Query Status .....	10
V.2. Delivery Report .....	10
<b>VI. Return Code</b> .....	<b>11</b>
<b>VI. Example with PHP</b> .....	<b>12</b>

Revision:

2011-10-10, v3.1a

\*sendSMS.aspx, parameters **sender** added.

## I. Send SMS

### I.1. Send an SMS

Purpose : To send sms by sending encrypted passwords and Client trxID to avoid duplicate sms

Syntax:

```
http://<server_name>:8080/web2sms/api/sendSMS.aspx?username=xxx&mobile=xxx&message=xxx&auth=xxxx&trxid=xxxx&sender=xxxx
```

Example:

```
http://<server_name>:8080/web2sms/api/sendSMS.aspx?username=sms&mobile=08126531971&message=Hallo+world&auth=cd377b32c5745f89a53f6970d2f49969&trxid=sms000000001&sender=SM SUTILITY
```

Parameter	Description
Username	Username provided to user to connect to our service
Mobile	Destination mobile number
Message	Text Message (encoded, max 160 chars)
Auth	Authentication with formula : MD5(username+password+Mobile)
trxID	Client TrxID, used to avoid duplicate sms (Optional, max 50 char, type string)
sender	Alpha Sender ID (Optional, encoded)

### I.2. Simple Way to Send an SMS

Purpose : The simple way to send an SMS

Syntax:

```
http://<server_name>:8080/web2sms/api/Send.aspx?username=xxx&mobile=xxx&message=xxx&password=xxxx
```

Example:

```
http://<server_name>:8080/web2sms/api/Send.aspx?username=sms&mobile=08126531971&message=Hallo+World&password=123456
```

Parameter	Description
Username	Username provided to user to connect to our service
Mobile	Destination mobile number
Message	Text Message (encoded, max 160 chars)
Password	Your Login Password

### I.3. Send SMS by Group

Purpose : To Send SMS to a Group

Syntax:

```
http://<server_name>:8080/web2sms/api/SendSMSGroup.aspx?group=xx&msg=xx&username=xx&auth=xx
```

Example:

```
http://<server_name>:8080/web2sms/api/SendSMSGroup.aspx?group=Marketing&msg>Hello+world&username=sman1&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

<b>Parameter</b>	<b>Description</b>
Group	Group name (encoded)
Msg	Text Message (encoded, max 160 chars)
Username	Username provided to user to connect to our service
Auth	Authentication with formula : MD5(username+password)

## II. PHONE BOOK

### II.1. Add Phone Book

Purpose : Add new contact to phone book :

Syntax:

```
http://<server_name>:8080/web2sms/api/phbkAdd.aspx?username=xxx
&name=xxx&mobile=xxx&group=xxx&address=xxx&birth=xxx&desc=xxx&auth=xxxx
```

Example :

```
http://<server_name>:8080/web2sms/api/phbkAdd.aspx?username=sms&name=Rudi
&mobile=08123456&group=Office&address=Jl. Bali&birth=19450817&desc=Direktur
Utama&auth=cd377b32c5745f89a53f6970d2f49969
```

Parameter	Description
Username	Username provided to user to connect to our service
Name	Contact Name
Mobile	Contact mobile number
Group	Contact Group Member
Address	Contact Address
Birth	Contact Birthday (YYYYMMDD)
Desc	Contact Description
Auth	MD5(Mobile+Password)

*Note : Address, Birth and Desc are optional*

### II.2. Edit Phone Book

Purpose : Edit existing Contact.

Syntax:

```
http://<server_name>:8080/web2sms/api/phbkEdit.aspx?id=xxx&username=xxx
&name=xxx&mobile=xxx&group=xxx&address=xxx&birth=xxx&desc=xxx&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbkEdit.aspx?id=372880&username=sms&name=Yuli&
mobile=06177123454&group=Bos&address=Jl. Pati 3&birth=17 aug 2010&desc=senang main
golf&auth=3097dc123edc537e80b01b4abf1b20ef
```

Parameter	Description
Id	Contact ID Number
Username	Username provided to user to connect to our service
Name	Contact Name
Mobile	Contact mobile number
Group	Contact Group Member
Address	Contact Address
Birth	Contact Birthday (dd mmm yyyy)
Desc	Contact Description
Auth	MD5(id+password)

### II.3. Delete Phone Book

Purpose : Delete existing contact

```
http://<server_name>:8080/web2sms/api/phbkDelete.aspx?id=xxx&username=xxx&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phb_add.aspx?username=sms&name=Rudi  
&mobile=08123456&group=Office&address=Jl. Bali&birth=19450817&desc=Direktur  
Utama&auth= cd377b32c5745f89a53f6970d2f49969
```

Parameter	Description
Id	Contact ID Number
Username	Username provided to user to connect to our service
Auth	MD5(id+password)

### II.4. Get Contact List

Purpose : To get contact list

```
http://<server_name>:8080/web2sms/api/phbk_getList.aspx?username=xxx&page=xx&size=xx  
&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbk_getList.aspx?page=6&size=10&username=sms&a  
uth=ffb09fcbd7b381d0ff6ae1609111d437
```

Parameter	Description
Username	Username provided to user to connect to our service
page	Page Number (default=1)
size	number of records per page (default=10)
Auth	MD5(Username+password)

### II.5. Get Contact List by Group

Purpose : To get Contact list by Group Name

```
http://<server_name>:8080/web2sms/api/phbk_getListbyGroup.aspx?username=xxx&page=xx&s  
ize=xx &group=xxx&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbk_getList.aspx?page=6&size=10&username=sms&g  
roup=client&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

Parameter	Description
Username	Username provided to user to connect to our service
page	Page Number (default=1)
size	number of records per page (default=10)
group	Group Name
Auth	MD5(Username+password)

## II.6. Get Complete Data

Purpose : To retrieve contact detail

```
http://<server_name>:8080/web2sms/api/phbk_getListbyGroup.aspx? ID=xx&username=xxx
&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbk_getCompleteData.aspx?
id=6928&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

Parameter	Description
id	Contact ID
Username	Username provided to user to connect to our service
Auth	MD5(Username+password)

## II.6. Find Name

Purpose : To search contact by name

```
http://<server_name>:8080/web2sms/api/ phbk_findName.aspx?name=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/
phbk_findName.aspx?name=sar&username=smsoke&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

Parameter	Description
name	Name to search
Username	Username provided to user to connect to our service
Auth	MD5(Username+password)

## II.7. Find Phone Number

Purpose : To search contact by Phone Number

```
http://<server_name>:8080/web2sms/api/phbk_findPhNumber.aspx?no
=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/
phbk_findPhNumber.aspx?no=0812653&username=smsoke&auth=ffb09fcbd7b381d0ff6ae1609111d4
37
```

Parameter	Description
name	Name to search
Username	Username provided to user to connect to our service
Auth	MD5(Username+password)

## III. Group

### III.1. Add Group

Purpose : Add a new Group Name

Syntax

```
http://<server_name>:8080/web2sms/api/groupAdd.aspx?group=xx&username=xx&auth=xxx
```

example :

```
http://<server_name>:8080/web2sms/api/groupAdd.aspx?group=Calon  
Client&username=sms&auth=b25a52012483379060de8618dd9d7378
```

Parameter	Description
group	Group Name
Username	Username provided to user to connect to our service
Auth	MD5(group+password)

### III.2. Edit Group

Purpose : Edit an existing Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupEdit.aspx?id=xx&group=xx&username=xx&auth=xxx
```

example :

```
http://<server_name>:8080/web2sms/api/groupEdit.aspx?id=849&group=Teman&username=sms&  
auth=e470afc416e70a44bb4e194685777255
```

Parameter	Description
Id	Group ID
group	Group Name
Username	Username provided to user to connect to our service
Auth	MD5(id+password)

### III.3. Delete Group

Purpose : Delete an existing Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupDelete.aspx?id=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/groupDelete.aspx?id=849&username=sms&auth=e470a  
fc416e70a44bb4e194685777255
```

Parameter	Description
Id	Group ID
Username	Username provided to user to connect to our service
Auth	MD5(id+password)

### III.4. Get List of Group

Purpose : Retrieve list of existing Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupGetList.aspx?page=xx&size=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/groupGetList.aspx?page=1&size=5&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

Parameter	Description
page	Page number
size	Number of record per page
Username	Username provided to user to connect to our service
Auth	MD5(username+password)

### III.5. Find Group

Purpose : Find a Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupFind.aspx?group=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/groupFind.aspx?group=pul&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

Parameter	Description
group	Group Name
Username	Username provided to user to connect to our service
Auth	MD5(username+password)

## IV. User Account

### IV.1. Checking Customer Account Balance

Purpose : Retrieve account balance

```
http://<server_name>:8080/web2sms/api/creditsleft.aspx?username=xxx&auth=xxx
```

Parameter	Description
Username	Username provided to user to connect to our service
Password	Password to the service
Auth	MD5(username+password)

### IV.1. Change Password

Purpose : To change password

```
http://<server_name>:8080/web2sms/api/ChangePassword.aspx?username=xxx&newpasw  
=xx&auth=xxx
```

Parameter	Description
Username	Username provided to user to connect to our service
newpass	New Password
Auth	MD5(username+oldpassword)

## V. Report

### V.1. Query Status

Purpose : To get delivery status

```
http://<server_name>:8080/web2sms/api/Report.aspx?msgid=xxx
```

Parameter	Description
msgid	Msg ID

### V.2. Delivery Report

For users who require Delivery Report on their URL they need to provide the URL in the form as below

```
http://<hostname>:port/dlr.php?msgid=%id&status=%s
```

Here

<host-name> means the IP or the domain name

<Port> means the Port number if given

%id means the msgid. %id will be replaced by the msgid.

%s means the status of the message. %s will be replaced by DELIVRD, UNDELIVRD, REJECTED or EXPIRED.

DLR URL will be using the get method to call the URL provided

## VI. Return Code

### HTTP Return Code:

---

Return Code	Description
1701	Success
1702	Invalid Username or Password
1703	Internal Server Error
1704	Data not found
1705	Process Failed
1706	Invalid Phone Number
1707	Invalid Message
1708	Insufficient Credit
1709	Group Empty
1711	Invalid Group Name
1712	Invalid Group ID
1713	Invalid msgid
1721	Invalid Phonebook Name
1722	Invalid Phonebook ID
1731	User Name already exist
1732	Sender ID not valid
1733	Internal Error – please contact administrator
1734	Invalid client user name
1735	Invalid Credit Value
1736	Sender ID already exist

#### Notes:

1. For searching, only return the first 10 rows
2. Each field delimited with Char(128), and records delimited with char(129).

## VI. Example with PHP

```
<?
function getURL($url) {
    $curlHandle = curl_init(); // init curl
    curl_setopt($curlHandle, CURLOPT_URL, $url); // set the url to fetch
    curl_setopt($curlHandle, CURLOPT_HEADER, 0);
    curl_setopt($curlHandle, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($curlHandle, CURLOPT_TIMEOUT, 30);
    curl_setopt($curlHandle, CURLOPT_POST, 0);
    $content = curl_exec($curlHandle);

    if(!$content){
        return 'Curl error: ' . curl_error($curlHandle);
    }
    Else {
        return $content;
    }

    curl_close($curlHandle);
}

//Your Data Here

$mobile="62812xxxxxx";
$msg="Hallo World!";

$user="your user id";
$password="your password";

$auth=MD5($user.$password.$ mobile);
$msg=urlencode($msg);

$myurl="http://smpp.pusat-
sms.com:8080/web2sms/api/SendSMS.aspx?username=".$user."&mobile=".$mobile."&m
essage=".$msg."&auth=".$auth;
$grab = getURL($myurl);
echo $grab;

?>
```

V2.0-11/03/10