

ENTERPRISE BULK SMS



# **X-Wireless HTTP & XML API Specification**

*Revised 5<sup>th</sup> June 2014*

## 1.0 INTRODUCTION

This document is meant to provide help and illustrations to users who wish to send SMS using Our SMS Gateway via HTTP Protocol and XML Protocol. Sending messages via the HTTP API is one of the best and the quickest ways to deliver SMS messages.

This document gives a detailed explanation of using the gateway through HTTP and XML API. All requests are to be made via <http://smc.xwireless.net/API/WebSMS/Http/v3.1> (HTTP API) and <http://smc.xwireless.net/API/WebSMS/XML/v1.3/index.php?> (XML API) respectively

## 2.0 HTTP API

### 2.1 Send SMS HTTP API Request :

[http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?username=your+username&password=Your+Password&sender=my+senderID&to=my+recipient&message=Hello+Test+Message&reqid=1&format={json|text}&route\\_id=route+id&callback=Any+Callback+URL&unique=0&sendondate=05-06-2014T08:37:58](http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?username=your+username&password=Your+Password&sender=my+senderID&to=my+recipient&message=Hello+Test+Message&reqid=1&format={json|text}&route_id=route+id&callback=Any+Callback+URL&unique=0&sendondate=05-06-2014T08:37:58)

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway using HTTP API.

S/N	PARAMETER	DESCRIPTION
1	username	username
2	password	Password
3	sender	ID of the Sender
4	to	Number Send by the user
5	message	Content Send by the user
6	reqid	#
7	format	Select either Json, text or tab
8	route_id	ID of the Route. Alpha Plus=2, Naija Plus=16
9	callback	#
10	unique	Use unique=1 then Remove Duplicate Entry
11	sendondate	Date && time of Sent Message
12	msgtype	Set msgtype=Unicode for Unicode Messages

## Sending to Single Recipient

To send a message to a single recipient, you are to supply a mobile number to the “to” parameter, i.e. to=23470xxxxxxx.

### Example:

```
http://smsc.xwireless.net/API/WebSMS/Http/v3.1/index.php?username=your+username&password=Your+Password&sender=my+senderID&to=23471xxxxxxx&message=Hello+Test+Message&reqid=1&format=json
```

## Sending to Multiple Recipients (Bulk Messaging)

To send a message to multiple recipients, you are to supply multiple mobile numbers separated with a coma (,), i.e. to=23470xxxxxxx,23480xxxxxxx,23471xxxxxxx

### Example:

```
http://smsc.xwireless.net/API/WebSMS/Http/v3.1/index.php?username=your+username&password=Your+Password&sender=my+senderID&to=23471xxxxxxx,23480xxxxxxx,23481xxxxxxx&message=Hello+Test+Message&reqid=1&format=json
```

## 2.2. GROUP SMS HTTP API Request

[http://smsc.xwireless.net/API/WebSMS/Http/v3.1/index.php?username=peter&password=Your+Password&sender=my+senderID&group=groupid&message=Hello+Test+Message&reqid=1&format={json|text}&route\\_id=route+id&callback=Any+Callback+URL&unique=0&sendondate=05-06-2014T10:21:25](http://smsc.xwireless.net/API/WebSMS/Http/v3.1/index.php?username=peter&password=Your+Password&sender=my+senderID&group=groupid&message=Hello+Test+Message&reqid=1&format={json|text}&route_id=route+id&callback=Any+Callback+URL&unique=0&sendondate=05-06-2014T10:21:25)

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Group HTTP API request.

S/N	PARAMETER	DESCRIPTION
1	username	username
2	password	Password
3	sender	ID of the Sender
4	group	Group ID
5	message	Content Send by the user
6	reqid	#
7	format	Select either Json, text or tab
8	route_id	ID of the Route. Alpha Plus=2, Naija Plus=16
9	callback	#
10	unique	Use unique=1 then Remove Duplicate Entry
11	sendondate	Date && time of Sent Message
12	msgtype	Set msgtype=Unicode for Unicode Messages

### 2.3. Delivery Report HTTP API Request

[http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?method=show\\_dlr&username=peter&password=Your+Password&msg\\_id=message+id&seq\\_id=1,2&limit=0,10&format={json|text}](http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?method=show_dlr&username=peter&password=Your+Password&msg_id=message+id&seq_id=1,2&limit=0,10&format={json|text})

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Delivery Report HTTP API request.

S/N	PARAMETER	DESCRIPTION
1	username	username
2	password	Password
3	msg_id	Use message ID
4	seq_id	Use Seq ID like : (1,2)>
5	limit	Use limit like : (0,10)
6	format	Select either Json, text or tab

### 2.4. Check Credit HTTP API Request

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Check Credit HTTP API request.

[http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?method=credit\\_check&username=peter&password=Your+Password&format={json|text}](http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?method=credit_check&username=peter&password=Your+Password&format={json|text})

S/N	PARAMETER	DESCRIPTION
1	username	username
2	password	Password
3	format	Select either Json, text or tab

### 2.5. Route Inquire HTTP API Request

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Route Inquire API Request.

[http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?method=show\\_route&username=peter&password=Your+Password&format={json|text}](http://smc.xwireless.net/API/WebSMS/Http/v3.1/index.php?method=show_route&username=peter&password=Your+Password&format={json|text})

S/N	PARAMETER	DESCRIPTION
1	username	username
2	password	Password
3	format	Select either Json, text or tab

### 3.0. XML API

#### 3.1. Send SMS XML API Request

```
http://smsc.xwireless.net/API/WebSMS/XML/v1.3/index.php?xml=<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<!DOCTYPE MESSAGE SYSTEM
"http://127.0.0.1/psms/dtd/message.dtd" >

    <MESSAGE>
        <USER USERNAME="peter"
PASSWORD="<Password>" />
        <SMS FORMAT="json"
ROUTEID="<RouteID>" TEXT="<Message>" CALLBACK="<callback>" REQID="1"
SENDER="<SenderID>" MSGTYPE="<text/unicode>" >
            <ADDRESS
TO="<MOBILE NUMBER>" />
            <ADDRESS
TO="<MOBILE NUMBER>" />
            <ADDRESS
TO="<MOBILE NUMBER>" />
        </SMS>
    </MESSAGE>
```

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway using XML API.

S/N	PARAMETER	DESCRIPTION
1	USERNAME	username
2	PASSWORD	Password
3	FORMAT	Select either Json, text.
4	ROUTEID	ID of the Route. Alpha Plus=2, Naija Plus=16
5	TEXT	Content Send by the user
7	CALLBACK	#
8	REQID	#
9	SENDER	ID of the Sender
10	ADDRESS TO	Use Mobile number
11	MSGTYPE	Set msgtype=Unicode for Unicode Messages

### 3.2. GROUP SMS XML API Request

`http://smc.xwireless.net/API/WebSMS/XML/v1.3/index.php?xml=<?xml version="1.0" encoding="ISO-8859-1"?>`

```

<!DOCTYPE MESSAGE SYSTEM
"http://127.0.0.1/psms/dtd/message.dtd" >

    <MESSAGE>
        <USER USERNAME="peter"
PASSWORD="<Password>" />
        <SMS FORMAT="json"
ROUTEID="<RouteID>" TEXT="<Message>" CALLBACK="<callback>" REQID="1"
SENDER="<SenderID>" MSGTYPE="<text/unicode>" >
            <GROUP
ID="<group_id>" />
            <GROUP
ID="<group_id>" />
        </SMS>
    </MESSAGE>

```

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Group XML API request.

S/N	PARAMETER	DESCRIPTION
1	USERNAME	username
2	PASSWORD	Password
3	FORMAT	Select either Json, text.
4	ROUTEID	ID of the Route
5	TEXT	Content Send by the user
6	CALLBACK	#
7	REQID	#
8	SENDER	ID of the Sender
9	MSGTYPE	Use Message type Unicode
10	GROUP	Use Group ID

### 3.3. Delivery Report API Request

```
http://smc.xwireless.net/API/WebSMS/XML/v1.3/index.php?xml=<?xml version="1.0"
encoding="ISO-8859-1"?>
<!DOCTYPE MESSAGE SYSTEM
"http://127.0.0.1/psms/dtd/message.dtd" >

    <MESSAGE>
        <USER USERNAME="peter"
        PASSWORD="<Password>" />
        <DLR
            FORMAT="xml/json/text"
            MSG_ID="<msg_id>"
            SEQ_ID="<seq_id>"
            LIMIT="<limit>"
        >
    </DLR>
</MESSAGE>
```

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Delivery Report XML API request.

S/N	PARAMETER	DESCRIPTION
1	USERNAME	username
2	PASSWORD	Password
3	FORMAT	Select either Json, text.
4	MSG_ID	Use message ID
5	SEQ_ID	Use Seq ID like : (1,2)
6	LIMIT	Use limit like : (0,10)

### 3.4. Check Credit XML API Request

`http://smsc.xwireless.net/API/WebSMS/XML/v1.3/index.php?xml=<?xml version="1.0" encoding="ISO-8859-1"?>`

```
                <!DOCTYPE MESSAGE SYSTEM
"http://127.0.0.1/psms/dtd/message.dtd" >

                <MESSAGE>
                    <USER USERNAME="peter"
PASSWORD="<Password>" />
                    <CREDITS
                >
                </CREDITS>
                </MESSAGE>
```

`FORMAT="xml/json/text"`

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Check Credit XML API request.

S/N	PARAMETER	DESCRIPTION
1	USERNAME	username
2	PASSWORD	Password
3	FORMAT	Select either Json, text.



## 2.5. Route Inquire XML API Request

`http://smsc.xwireless.net/API/WebSMS/XML/v1.3/index.php?xml=<?xml version="1.0" encoding="ISO-8859-1"?>`

```
    <!DOCTYPE MESSAGE SYSTEM
"http://127.0.0.1/psms/dtd/message.dtd" >

    <MESSAGE>
        <USER USERNAME="peter"
PASSWORD="<Password>" />
        <ROUTE
            FORMAT="xml/json/text"
        >
    </ROUTE>
</MESSAGE>
```

The following table gives the list of parameters required for sending message through The X-Wireless Bulk SMS Gateway For Route Inquire XML API Request.

S/N	PARAMETER	DESCRIPTION
1	USERNAME	username
2	PASSWORD	Password
3	FORMAT	Select either Json, text.