



Wire2air 2way SMS HTTP API

Wire2air provides simple HTTP interface for clients to send and receive messages from mobile phone users. HTTP POST can be used in all modern programming languages including ASP, ASP.NET, C++, C#, PHP, VB, VB.NET, command lines, SSH & cURL.

A. Send SMS Message using Wire2air Gateway

To submit messages from any programming language, you should message in the following format.

HTTP URLs

<http://smsapi.wire2air.com/smsadmin/submitsm.aspx>

HTTP METHOD

Messages should be sent as a **HTTP POST** using the parameters listed below. One request should be sent per message.

HTTP Form Variables

Name	Description
*VERSION	2.0
*USERID	<i>YOUR_USERID</i> ; PROVIDED BY WIRE2AIR
*PASSWORD	<i>YOUR_PASSWORD</i> ; PROVIDED BY WIRE2AIR
*VASID	<i>YOUR_VASID</i> ; PROVIDED BY WIRE2AIR
*PROFILEID	<i>YOUR_PROFILEID</i> ; PROVIDED BY WIRE2AIR
*FROM	<i>SHORT CODE NUMBER</i> ; PROVIDED BY WIRE2AIR
*TO	<i>DESTINATION MOBILE NUMBER</i> . [(country code) + mobile number]
*TEXT	<i>The Message Text</i>
*NETWORKID	<i>Network ID of destination network,</i> <i>Wire2air use internal networkid to identify the carriers, LIST ANNEX 1A</i> <i>These are the same networkid passed from our HTTP API when receiving incoming SMS.</i>
DeliveryDateTime (optional)	<i>Default:</i> Now Date and time for message delivery in UTC format. Example: 19970714T173000Z ;UTC time The following represents July 14, 1997, at 1:30 PM in New York City.
ReplyPath	<i>Provide your application url to receive replies from user. For example</i>



	<code>http://[yourserver]/smsreceiver.asp?</code>
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Response from Send SMS APIs

The API will return a string message to the calling application.

Successful submission:

JOBID: [MOBILENUMBER]:[SMSID]

Failed submission:

ERR: 301: Failed authentication

ERR: 305: Not enough credits

Example POST Request [ASP]

```
sstrData = "version=2.0"  
sstrData = "To=" & [Mobile Number]  
sstrData = sstrData + "&From=27126"  
sstrData = sstrData + "&UserId=XXXXX"  
SstrData = sstrData + "&Password=XXXXX"  
SstrData = sstrData + "&vasid=XXXX"  
SstrData = sstrData + "&networkid=44"  
SstrData = sstrData + "&profileid=2"  
SstrData = sstrData + "&Text=Demo Message"
```

```
Set myhttp=CreateObject ("Msxml2.XMLHTTP")
```

```
Myhttp.open ("POST", "http://smsapi.wire2air.com/smsadmin/submitsm.aspx",  
false)
```

```
Myhttp.setRequestHeader "Content-Type", "application/x-www-form-urlencoded"
```

```
Myhttp.send sstrData  
Response.write myhttp.responsetext  
Set myhttp = Nothing
```

B. Receive SMS/Text Messages from Wire2air Gateway

How it works?

STEP1: User sends a text message to an assigned shortcode.

STEP2: Message received by wire2air server from carrier.



STEP3: Wire2air parses the message, and redirect to clients' server based on short code, and prefix assigned.

Requirements

Client should set a web service to receive messages from wire2air servers. Wire2air will send a message to client server in the following format.

HTTP URLS

[http://\[client web service url\]?](http://[client web service url]?)

MobileNumber=xxxxxxx&Operatorid=110&Message=xxxxxx&SMSINBOXID=388&shortcode=xxxx

Operatorid: Should be used in Send SMS APIS AS NETWORKID

HTTP METHOD

GET

Parameters

MobileNumber: User's mobile number

Operatorid: Networkid of destination network, wire2air use internal networkid to identify the networks, LIST ANNEX 1A

Message: Text Message sent by user

Rcvd: Message received date & time

SMSInboxid: Reference number for all incoming messages

Network Identifications for North America (Operatorid)

Network Name	ID
Boost	600
Verizon	11
AT&T	44
SPRINT	455
ALLTEL	18
T-MOBILE	470
Cellular One	168



Nextel	353
Virgin	601
US Cellular	602