

Sending SMS messages from your website or any computer program has never been **easier, quicker, more efficient** or more **affordable**.

Mobility Methods provides a **carrier class, global turnkey** solution that enables you to send SMS messages via our service to any capable mobile device connected to a GSM network anywhere in the world.

The Mobility Methods messaging platform is built on a highly **robust, reliable** and **scalable** software environment developed by ANAM Wireless Internet Solutions.

- ✓ **No set-up fees**
- ✓ **Free test account**
- ✓ **Online technical support via MSN/ICQ and Yahoo!**
- ✓ **Global connectivity**
- ✓ **Instant results**
- ✓ **Affordable rates**
- ✓ **All SMS Formats and features**
- ✓ **Simple Integration API**

Our **complete** SMS messaging service is **easily integrated** into your new projects as well as with any existing legacy systems via your choice of API (Application Programming Interface) and we support all popular SMS messaging features including:



- ✓ Sender ID manipulation
- ✓ Instant Message or FlashSMS
- ✓ Logo and ringtones
- ✓ Multi-part messages (Concatenation)
- ✓ Unicode and foreign characters support
- ✓ EMS (Enhanced Message Service)
- ✓ Binary SMS
- ✓ VCards and VCals

## Connection APIs

### HTTP

SMS messages may be originated and routed through our gateway using a standard Web browser or through any application or environment that can issue a HTTP request. The gateway supports a CGI interface that accepts a defined set of parameters for sending SMS messages. A typical URL for to send an SMS message submission might look like (wrapped for readability) this:

```
http://196.7.157.47:8080/Scripts/MmiCgi.exe?username=username
&password=password&from=sender-number&to=receiver-number
&text=text+of+message+using+URL+encoding+as+necessary
```

The parameters available to the http interface are:

- **username:** The username of the application or user of the send SMS interface.
- **password:** The password associated with the username.
- **from:** The sender MSISDN of the SMS message.
- **to:** The recipient MSISDN (in international format e.g. 27834471572) of the SMS message. The to field can only contain characters from the "0123456789" set (excluding quotes).
- **text:** The text of the SMS message
- **refid:** (optional) A user definable reference to identify a message

### Submission Responses

The HTTP ReponseText from every SMS submission needs to be accommodated. If a valid, correctly-formed HTTP Request is received by the CGI Script, it will pass back a response status of 200 and a ReponseText of 'Request Acknowledged' in the title.

The CGI Script does basic validation on the following:

- All parameters were passed with values.
- The username and password is valid.
- The originating IP address is valid.
- The prefix of the recipient MSISDN is valid.

If any of the above validation requirements fail, a response status of 400 with a description of the validation error in the ReponseText will be returned.

### Delivery Reports

To receive delivery reports and notifications, you need to supply us with a call back URL. The internal service collates all delivery reports and notifications from the SMSC at 10-minute intervals and passes them on to the client's supplied URL.

The following parameters are the list of supported parameters that will be passed on:

- **user**: The username of the application or user of the send SMS interface.
- **orig**: The sender MSISDN of the SMS message.
- **result**: the delivery notification status value. This value indicates whether the message was successfully sent or whether it failed in transit. The following decimal values are relevant:
  - 4096      successful submission to the SMSC
  - 4097      successful delivery to the phone
  - 8194      delivery to the phone failed
- **dest**: The recipient MSISDN
- **smsc**: The internal unique reference number for every sms submitted. Generally you will receive two delivery reports for every sms submitted. A successful submission receipt and a successful or failed delivery to the phone. By retaining the smsc parameter, you can group deliveries by sms.
- **ts**: The timestamp of when the notification was received on our server.
- **refid**: The optional message identifier parameter as used in the message submission.

SMSCCONN_SENT_SMSC	0x1000	Submitted successfully to the SMSC
SMSCCONN_SENT_ME	0x1001	Delivered successfully to the ME
SMSCCONN_FAILED_REJECTED	0x2000	The SM was rejected by the SMSC.
SMSCCONN_FAILED_SMSC	0x2001	Submission to the SMSC failed, this is a generic error
SMSCCONN_FAILED_ME	0x2002	Delivery to the ME failed, this is a generic error
SMSCCONN_FAILED_INV_SOURCE	0x2003	An invalid source address was specified
SMSCCONN_FAILED_INV_DEST	0x2004	An invalid destination address was specified
SMSCCONN_FAILED_INV_PARAM	0x2005	An invalid parameter was specified
SMSCCONN_FAILED_EXPIRED	0x2006	The SM expired while attempting delivery
SMSCCONN_FAILED_DELETED	0x2007	The message was deleted in the SMSC
SMSCCONN_FAILED_UNKNOWN	0x2008	The message is in an unknown state
SMSCCONN_BUFFERED	0x3000	The message is buffered in the SMSC