

# NowSMS How to guide

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## NowSMS

### Overview

NowSMS allows SMS messages to be sent by connecting to their SMS gateway software. See also the [MOXA NPort Ethernet to Serial](#)

## NowSMS

NowSMS offer a free trial of their software, see their website for details.

## Prerequisites

NowSMS software and GSM modem

Swivel 3.x

Mobile Phone on which to receive SMS text messages

## Configuring the NowSMS server

Follow the NowSMS documentation and configure for web authentication and test that it is working for sending sms messages.

### Configuring the Now SMS server for SMPP

On the NowSMS Gateway configuration select the Web tab, and then tick enable SMPP Server, then configure the following

**Port number for SMPP Server:** 8802

Under the SMS users tab, select Add User, enter a username and password then tick Enable SMPP login for this user.

## Configuring Swivel for the the NowSMS transport

Swivel uses the SMPP protocol to talk to the NowSMS gateway.

### Configuring Swivel for one or more NowSMS transports

On the Swivel Administration Console select Transport/General, select Transport/General New Entry. Enter the required group name and the number of security strings to be sent. Ensure that the transport attribute phone is selected.

**Identifier:** the name of the transport, must be unique.

**Class:** Use the following: *com.swiveltechnologies.pinsafe.server.transport.SMPPTTransport*, the name of the java class used.

**Strings per message:** Default: 1, the number of security strings that are sent.

**Group:** Default: ---NONE--- The group where security strings are sent to

**Alert repository group:** Default: ---NONE--- The group where Alert messages are sent to

**Destination attribute:** Default: phone, the attributes that is read from the data source to determine a users telephone number

Click apply to save the settings. For further information see: [Transport Configuration](#)

## Configuring the NowSMS details for Swivel 3.x

**Server:** Default: The NowSMS server address the gateway used for sending messages using NowSMS

**Port:** 8802

**System Type:** pcsms

**Username:** Default: blank, NowSMS account name, this is a required field

**Password:** Default: blank, NowSMS account password, this is a required field

**Source Address:**

**Source TON:** 5

**Source NPI:** 0

**Destination TON:** 1

**Destination NPI:** 0

**Keep Alive:** No

**Keep Alive Time:** 30000

## Expected Results

When a message is sent it is added to the message queue and then sent to the SMS gateway:

**Message added to message queue for user: graham, destination: 12345678901**

**Message sent to user: graham, destination: 12345678901**

A more detailed log is given below:

Message sent to user: graham, destination: 12345678901

Send response0, 0

Bounded

Notifying observers of packet received

Setting state 2

Receiver thread started

Boundie.omk.smpp.Connection@65a4e9,1

Setting state 1

Opening TCP socket to NowSMSserver/192.168.9.2:Opening network link.

Binding to the SMSC as type 3

Creating receiver thread

Using event dispatcher ie.omk.smpp.event.SimpleEventDispatcher

connecting

Attempting to bind, conn = unbound

Message added to message queue for user: graham, destination: 12345678901

## Troubleshooting

Try sending a security string or alert and check the Swivel log.

Also see [SMS messages are not being sent](#)

Check the connection, use TCP Dump, Wireshark, ethereal or similar to view the connection from Swivel to the SMS gateway. Can you Telnet to the gateway.

## Error messages