

MS-010-001-01 Configuration of SMS Server with a Z-Text Modem.

Document scope:

This document describes how to install and configure the Z-Text modem with m:science SMS Server.

Installing the Z-Text Modem on Your Computer

Before installing, the m:science software, be sure to install the Z-Text modem by following the instructions as specified in the user manual or XP installation guide as required. Both are available from the Z-Text web site:

http://www.z-text.co.uk/documents/ZtestUserGuide.pdf

http://www.z-text.co.uk/documents/WindowsXPInstallation.pdf

Note that for a more lightweight installation, it is possible to install just the drivers by running driver.exe from the 'driver' sub folder of the installation media.

Once completed; if you installed the full application, send a couple of test messages to verify the correct functioning of the modem and the phone line connection.

Setting up a Windows Modem

Before doing anything else, ensure you exit the Z-Text software to allow other programs to access the Z-Text modem. This can be done by closing the Z-Text software window and right clicking on the turquoise 'Z' in the system tray and selecting 'Exit'.

Note that the Z-text application "Pins" itself to the Windows Startup menu. Z-text should be deleted from the Startup menu as is not to be the default messaging application.

• Open Control Panel, Select 'Phone and Modem Options' and click 'Add'



• Check 'Don't detect my modem; I will select it from a list' and click 'Next'

Phone and Modem Options	?×	
Dialing Rules Modems Advanced		
The following <u>m</u> odems are installed:		
Modem	Attached To	
	Add Hardware Wizard	
	Install New Modem	\geqslant
	Select the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk.	
Agd	Manufacturer Models (Standard Modem Types) Standard 300 bps Modem Standard 1200 bps Modem Standard 1200 bps Modem	
OK	Standard 9600 bps Modem	-
	Tris urver is urgitally signed.	
	< <u>B</u> ack <u>N</u> ext> Cancel	

• Select 'Standard 2400 bps Modem' and click 'Next'

Add Hardware Wizard Install New Modem	
Select the port(s) you	J want to install the modem on.
	You have selected the following modem:
	Standard 2400 bps Modem
	On which ports do you want to install it?
ALL PORT	O All ports
The second second	Selected ports
ALE DATE OF	COM1 COM3
ALC: NO	
and the second second	
	(Back Next) Cancel

• Select the new COM port which was added when the modem was installed. This will typically be COM3. Having done this, select 'Next'



• Select 'Finish' to return to the modem page.

one and Modem Options Dialing Rules Modems Advanced The following modems are in	estalled:
Modem Standard 2400 bps Modem	Attached To COM3
	<u>R</u> emove <u>Properties</u>
OK	Cancel Apply

• Click 'OK' to close control Panel

Installing the m:science Software

Start the m:science SMS Server installation wizard either from the package downloaded from the web site (<u>http://www.m-science.com</u>) or from the CD supplied to you.

When prompted, select the view Installation Guide.

If you are intending to use the Z-Text modem as a primary transport, follow the steps detailed in here to install the software for 'Manual' configuration otherwise, follow the steps for configuring the server for your required primary transport.

Configuring the GSM Transport

• Open up Control Panel and select 'm:science SMS Server'

Authenticatic	Server Configuration ? 🔀
Use this pan services and	el to start and stop the m:science SMS Server to change the service startup options.
Service Con	trol Panel
Service	Engine
8	Running Start Service Stop Service
Auto-	start this service when Windows Starts
ОК	Cancel Apply Help

• Navigate to the Service Control tab and ensure that all of the services have been stopped.

m:science SMS S	erver Configuration
SMTP SM Authentication	TP Security Advanced Service Control Transport Logging Address Books
Internet (Rec	ommended)
Erimary tr	ansport
Text using inter	messages will be sent the high-speed, low cost het service, Signal strength 4 out of 4 (EXCELLENT)
GSM Device -	ОК
I Primary tr Primary tr direc GSM	ansport Backup transport messages will be sent tly to a data compatible device or mobile phone.
	ISM Transport Configuration
Other	Hardware selection Modem Standard 2400 bps Modem
🛞 PS	GSM Device Generic GSM 07.07 Mobile Have Disk Test Connection
ОК	SIM phone number
	Automatically hang up incoming calls
	QK <u>C</u> ancel <u>H</u> elp

- Select the Transport Tab
- Check GSM Device as the Primary Transport (or backup if so required)
- Click Settings
- Select 'Standard 2400 bps Modem' as the Modem and 'Generic GSM 07.07 Mobile' as the GSM Device.
- 'Accept inbound SMS and delivery receipts' should be unchecked.
- Click 'Test Connection'
- You should see the signal strength message displayed above.
- Having seen this, you will be prompted for a destination phone number to send a message to.
- Click 'Send Now'
- A message will be displayed saying 'Success but no Reference Number returned'. This can be ignored.
- Click ok, to close the 'GSM Transport Configuration'
- Select the 'Service Control Tab' and ensure that the service is started.
- Click ok, to close the 'm:science SMS Server Configuration'
- Open the SMS Manager

• Open the 'Send Text Message' tool and test that a test message can be sent successfully.