



Description: Guide to configuring the AlarmWorX32 Multimedia Server to send SMS messages with a modem.

OS Requirement: The operating system required is Windows XP/2000/2003/NT/95/98/Me.

General Requirement: AlarmWorX32 Multimedia, a modem/ISDN device.

AlarmWorX32 MultiMedia SMS

The ICONICS AlarmWorX32 Multimedia Pager/SMS Agent supports all common Modem/ISDN devices. Using AlarmWorX32, it is possible to send SMS messages via a modem or a cellular phone. In this applications note we will configure the Multimedia server so that it sends SMS messages via a modem. See the applications note **Using AlarmWorX MMX SMS with a Cellular Phone** otherwise.

There are some advantages and disadvantages of sending SMS messages via a modem:

Advantages

- In most cases you don't need extra hardware

Disadvantages

- More expensive than sending it via a mobile
- Takes longer to send one SMS messages
- You cannot acknowledge the alarm

Modem configuration

1. Plug in the Modem Hardware.
2. From the **Control Panel** select the **Phone and Modem Options**.
3. Create or Edit the Dialing rules.
4. Add the appropriate drivers for the modem hardware.
5. Test the modem using a windows modem utility such as **Hyperterminal**.

NOTE: The actual dialogs vary between windows operating systems.

SMS Configurator

1. Launch the AlarmWorX32 Multimedia Configurator.
2. Browse to **Alarm Configurations → Multimedia Agents → Pager/SMS/GSM/TAP** in the tree control.
3. Launch the TAP configuration by pressing the **General Settings** button. The window in **Fig. 1** will appear.

4. TAP/SMS Diagnostics will be displayed to allow the option to view and log ISDN/GSM diagnostic messages during pager testing.



Fig. 1: Multimedia Pager configuration screen

5. Select the **Modem Configuration** button to launch the SMS configurator.
6. Select **Message-Master Modem/ISDN** and press the **Config....** button.



Fig. 2: Modem/ISDN configuration screen

7. On the **Dial parameter and modem device** tab:
 - a. **Location:** this is the location set when configuring the Dialing rules.
 - b. **Device:** select the device for the modem hardware.
 - c. **Timeout for modem devices:** Select the re-initialization timeout for the modem in seconds.



Fig. 3: Send options

8. On the **Send Options** tab:
 - a. **Attempts for re-sending messages in error cases:** select the number of times to retry in case of error.
 - b. Enable **Check messages for invalid characters**.
 - c. If desired enable **replace invalid characters automatically**.

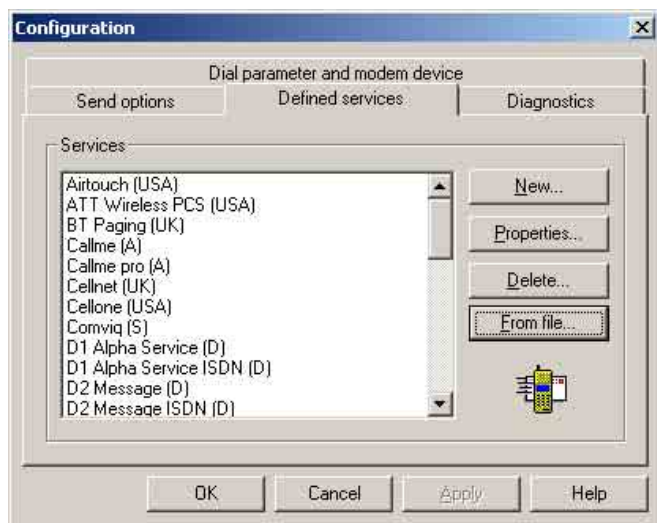


Fig 4: Defined services

9. On the **Defined Services** tab:
 - a. Check for your local phone provider.
 - b. Verify the service modem phone number is correct by selecting the service provider and pressing the properties button.

- c. The service provider number is on the additional tab under **Number** for dial-up terminal.

10. On the **Diagnostics** tab: If you need diagnostic support enable the **Write Communication Log File** check box.

General Pager Configuration

1. From the Pager/SMS/GSM/TAP branch right-click and select **New → Pager Contact**.
2. Enter **SMS Media Name**.
3. Enter **Cell Phone Number**.
4. Select a template.
5. Select Use **Modem/ISDN Service** and choose the service provider for your pager.
6. Press **Apply**.

Test the Setting

Select the SMS agent you've just created. Click on **Test** and the **MMXPager SMS Diagnostic Dialog** will appear.

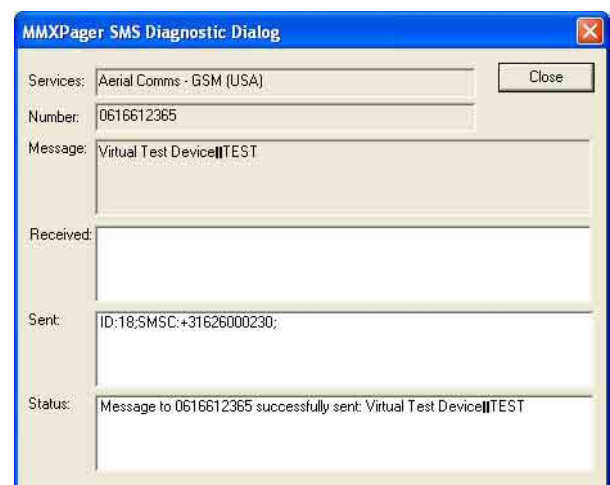


Fig 5: MMXPager SMS Diagnostic Dialog