



Description: Configuring AlarmWorX32 multi media pager with TAP.

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

General Requirement:

AlarmWorX32 MultiMedia Pager:

The ICONICS AlarmWorX32 MultiMedia Pager Agent supports a wide variety of modems, pager services, and two of the most used pager protocols. This document is designed to divide the configuration into three simple components:

- 1.Modem Configuration
- 2.Service Configuration
- 3.General Pager configuration.

Modem configuration:

- 1) Plug in the Modem Hardware.
- 2) From 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.

TAP Configurator:

- 1) Launch the Iconics Multi-Media configurator
- 2) Browse to Alarm Configurations, Multimedia Agents, Pager/SMS/GSM/TAP branch.
- 3) Launch the TAP configuration by pressing the “General Settings” button.
- 4) TAP/SMS Diagnostics will be displayed to allow the option to view and log ISDN/GSM diagnostic messages during pager testing. See below.

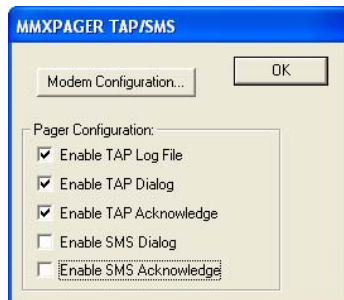


Fig. 1: MMx Pager configuration screen

- 5) Select the “Modem Configuration” button to launch the TAP configurator.
- 6) Select the Message-Master Modem/ISDN and press the “Config...” button.



Fig. 2: Modem/ISDN configuration screen

- 7) On the Dial parameter and modem device.
 - 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. This is in seconds.

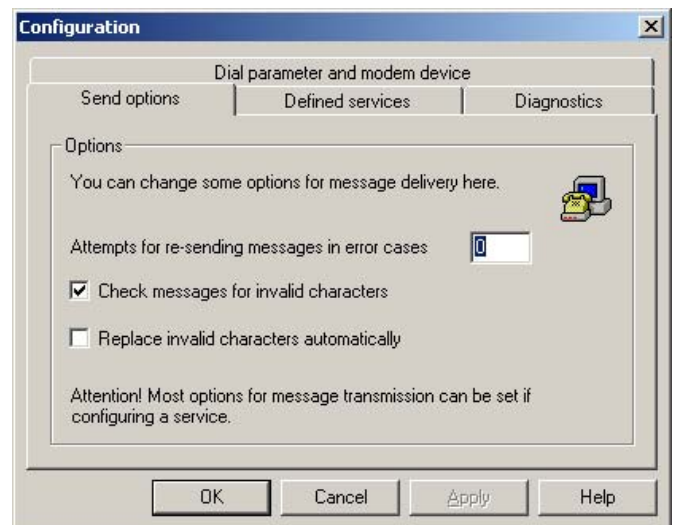


Fig. 3: Send options



- 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.

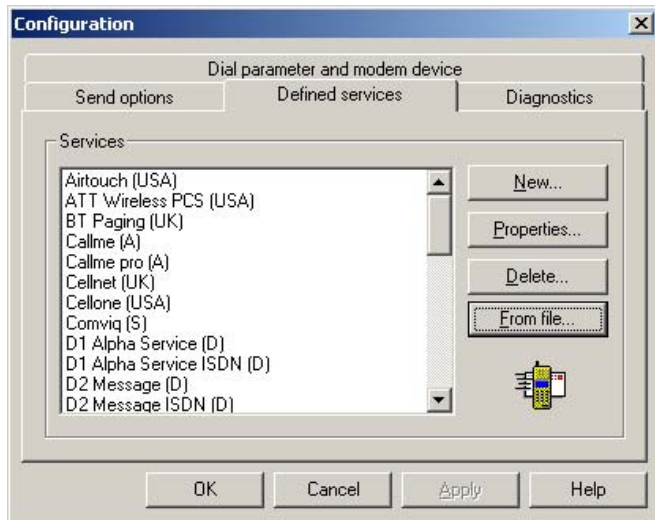


Fig 4: Defined services

- 9) On the Defined services tab. Check for your pager service provider. Verify the service modem phone number is correct by selecting the service provider and pressing the properties button. 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, select new, and pager contact.
- 2) Enter Pager Media Name.
- 3) Enter Pager number: This is the phone number of the pager to contact. This is the same number you would use if you were paging from a touch-tone phone.
- 4) Select a template.
- 5) Select Use Modem/ISDN service and choose the service provider for your pager.
- 6) Press Apply.

Note: if your pager service provider is not listed you will need to follow the steps under Creating a new TAP service.

Creating a new TAP Service!

The standard Multi-media pager installation includes dozens of pre-configured TAP services. If your particular service is not listed you can add it by following a few simple steps.

- 1) Launch the Tap Configurator and select the Defined Services tab.
- 2) If your service is not listed press the “New” button.

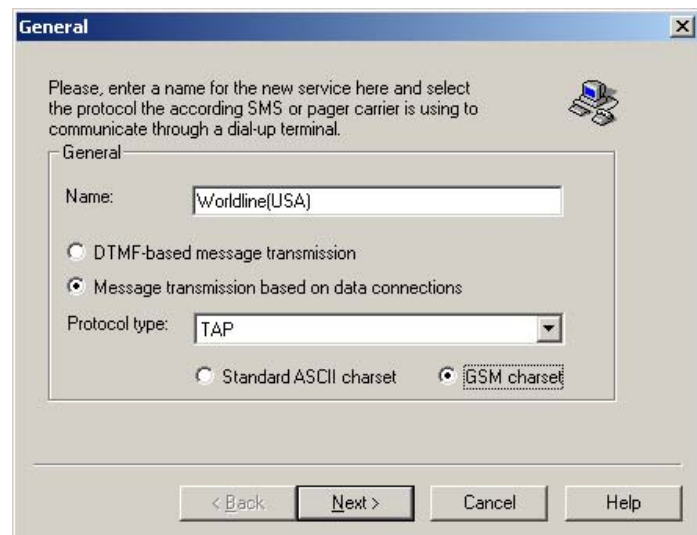


Fig 5: New defined service

- 3) On the “General” screen:
 - a. Enter a name,
 - b. Message transmission based on data connections,
 - c. Protocol type: TAP
 - d. Pick a character set.
 - e. Then press “Next”



Fig 6: Define new number

- 4) On the “Additional” Screen
 - a. Number for dial-up: Enter service modem number. This is the phone number your modem will call to connect to the pager service provider. Your service provider will need to inform you of this number. This number needs to be in TAP format. For US the format is +1 (800) 2345678. For International the format is +44 (215) 2345678.
 - b. Max message length: Chose the maximum number of characters to display per message.
 - c. Password: Not necessary
 - d. Calling zone: Not necessary
 - e. Number of messages the carrier accepts at once: 1
 - f. Press “Next.”

Fig 7: Define type

- 5) On the Type screen
 - a. Select type appropriate to pager. Generally this is Alphanumeric
 - b. UCP operation type: NA
 - c. Enable Breakup larger messages automatically
 - d. Choose a Max. word wrap for breakup. Generally some number that evenly divides into Max. message length.
 - e. Press “Next”
- 6) On the Country Code tab, only enter a country code if it is required. Press “Next” when finished
- 7) On the Terminal tab, select the modem or ISDN device and select the appropriate modem configuration for your modem. Press “Next” when finished
- 8) Press “Finished” when complete

Your new service is now available.

If you have further questions which have not been answered in regards to using ICONICS applications on Windows 2000 terminal server, please contact our Technical Support Department: support@iconics.com