



OMNI Application Note

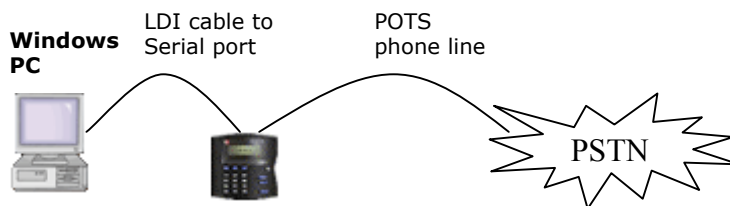
Title: Windows Modem Installation
Date: March 1, 2004
Revision: 1

1 Overview

This document describes the procedure to install the OMNI as an external modem to the Windows operating system. Using this setup, the OMNI will be recognized as a modem and all Windows modem functions can be performed.

Typically this is used for establishing a dialup networking client or server connection. Specific setup for dialup networking is discussed in other application notes.

Note: Due to operating system differences, the screen images in this document may not exactly match all Windows installations. Images in this document are taken from both Windows NT and Windows XP.



2 Prerequisites

- OMNI with LDI cable (included)
- Phone cable between OMNI and PSTN
- PC with Windows and user rights to be able to install a modem
- OMNI Modem .inf file (available from SecurePhone website)
- The setup may require a 9->25 pin serial port adapter, depending on the computer. Be careful not to connect the OMNI LDI cable to the parallel port on a computer.

L3

3 Quick Start Guide

- Setup OMNI in remote control mode, connect to PC
- Uninstall all currently installed OMNI modem drivers
- From the modems control panel, install OMNI .inf file as a modem
 - Only install **one** of the two drivers at a time
 - The “Show Details” driver will cause the OMNI to display security negotiation information each time it connects. If this driver is installed, the dialup networking connection **MUST** be configured to display the after-dial terminal window.

4 Detailed Instructions

1. Select “Start” from the task bar, go to “Settings”, and select “Control Panel” (Figure 1).

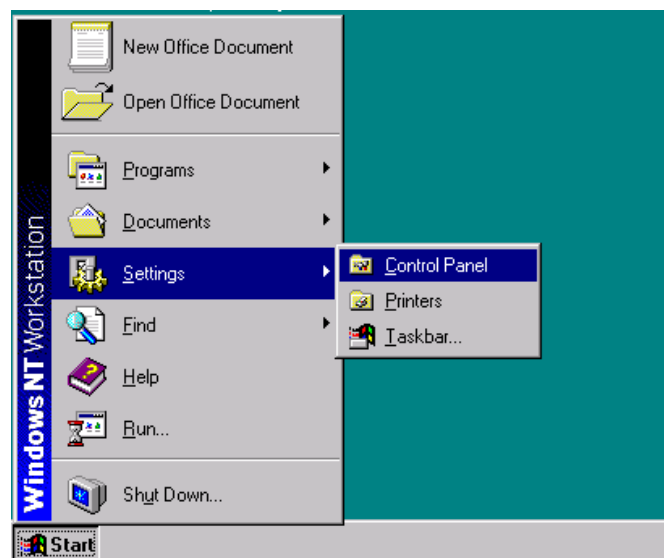


Figure 1

2. Find and double click “Modems” (Figure 2) in the control panel.



Figure 2

3. If an OMNI had previously been installed as a modem, the “Modems Properties” window (Figure 3) will be displayed showing the previous modem. If this happens, click “Remove”, otherwise proceed to step 6.

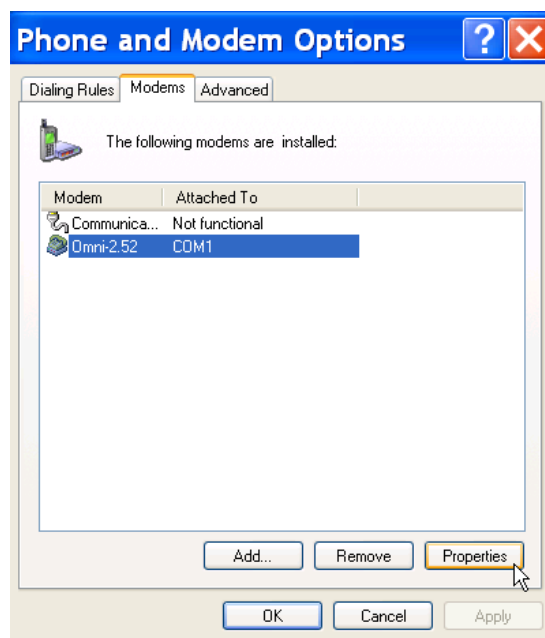


Figure 3



4. When the removal confirmation window (Figure 4) is displayed, click “Yes”.

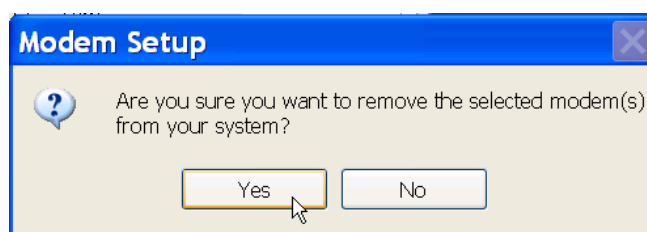


Figure 4

5. When the “Modems Properties” window (Figure 3) is redisplayed, click “Add”.
6. When the “Install New Modem” window opens (Figure 5), click the box “Don’t detect my modem; I will select it from a list.”, and click “Next”.

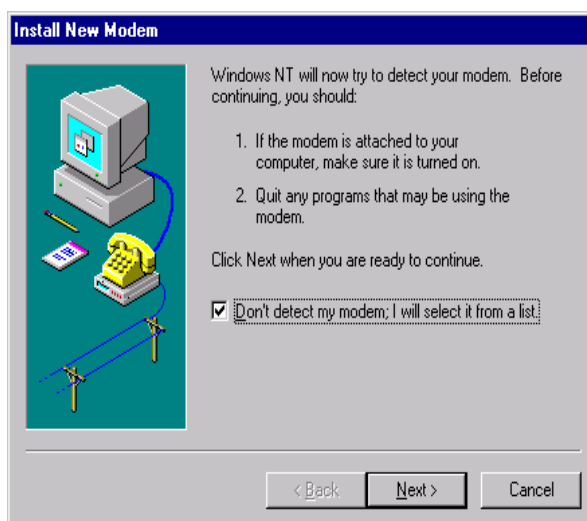


Figure 5

7. The “Install New Modem” window will change to show a list of modem manufactures (Figure 6). Click “Have Disk...”.

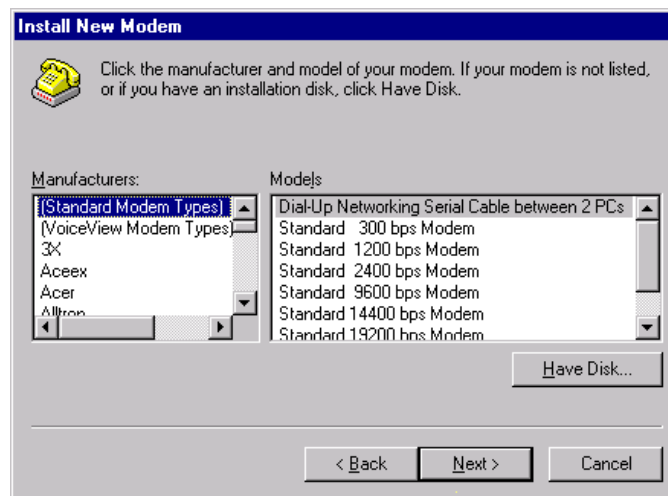


Figure 6

8. When the “Install from Disk” window appears (Figure 7), insert the CD or floppy containing the OMNI modem information file into the appropriate drive, and click “Browse”.

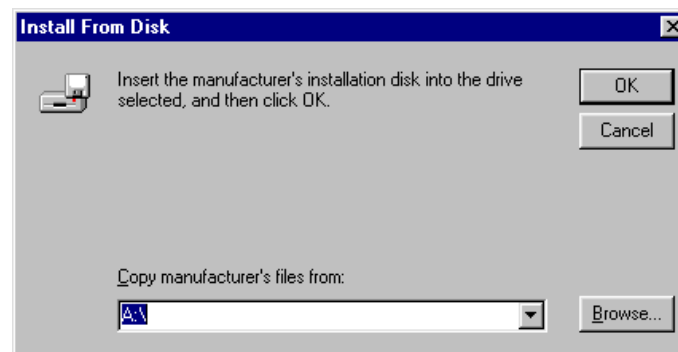


Figure 7



9. When the “Locate File” window appears, (Figure 8), use the Browse function to select the drive and folder containing the information file, and click “Open”.

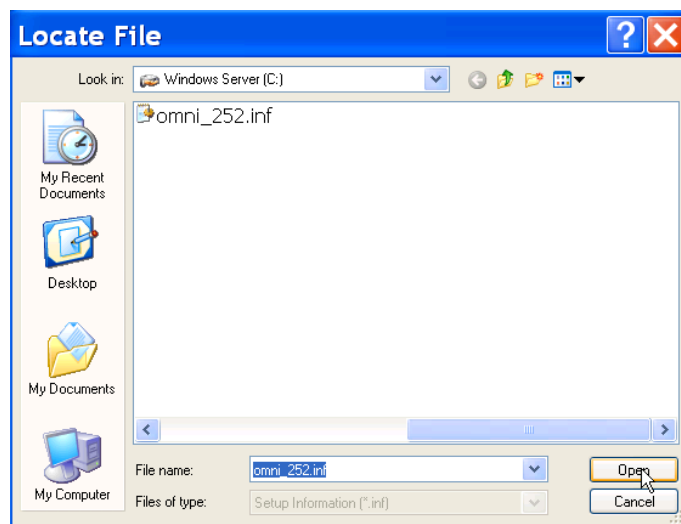


Figure 8

10. When the “Install from Disk” window reappears (Figure 7), click “OK”.
11. The “Install New Modem” window will display a selection of OMNI configurations (Figure 9). Note that only one of these drivers can be installed at a time. The **Show Details** driver allows the user to see security negotiation information in a terminal window, which must be enabled in the settings for the dialup connection that will use the OMNI. The normal driver does not display any extra information after the call is established. Select the configuration to be installed and click “Next”. (Warnings about driver signatures and Microsoft driver testing may be ignored)

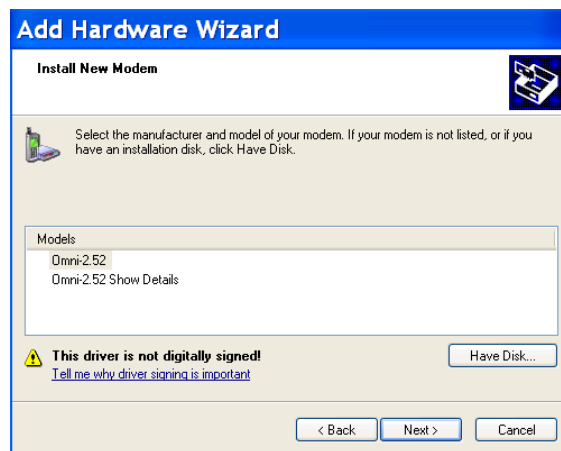


Figure 9

12. The “Install New Modem” window will display the available communications ports (Figure 10). Select the port that the OMNI is connected to and click “Next”.



Figure 10

If a window is displayed indicating that the computer needs to be rebooted, click “OK”.



13. When the “Install New Modem” window displays the successful setup message (Figure 11), click “Finish”.

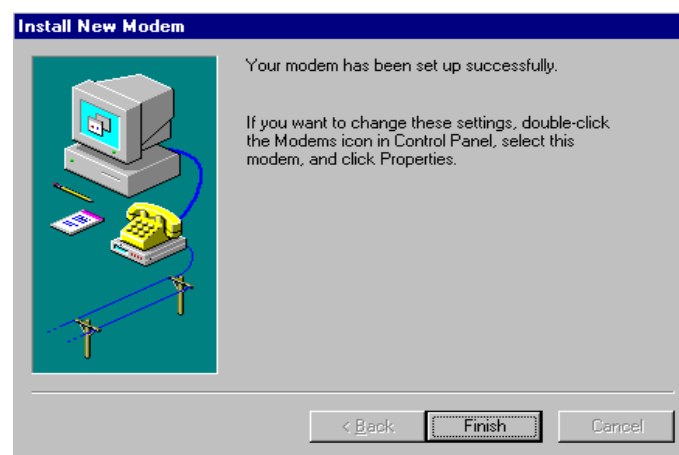


Figure 11

14. The Modem Properties window will be displayed. It shows the OMNI configuration selected in the general tab. Highlight the selection and click “Properties”.

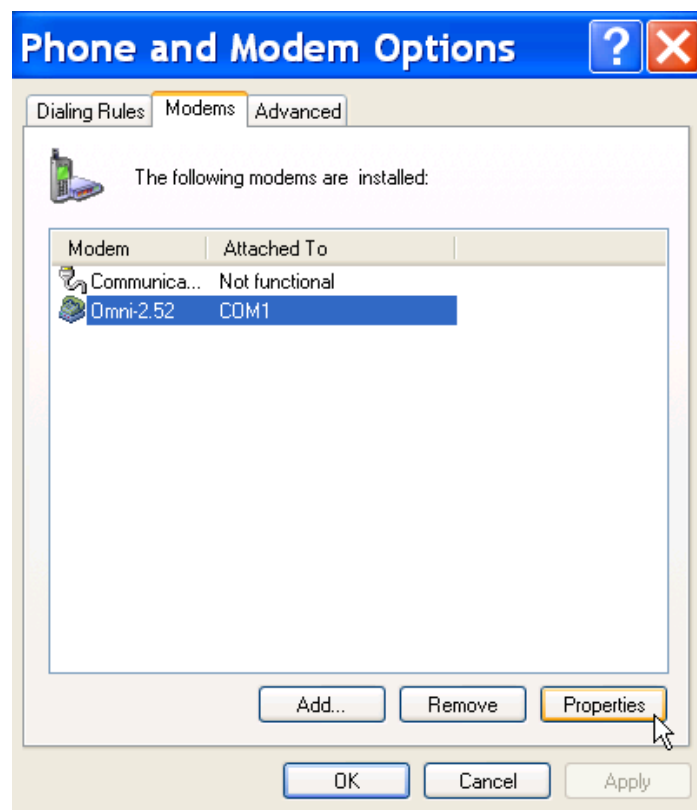


Figure 12

NOTE: If a window is displayed that indicates the properties cannot be changed, perform this operation after the computer is rebooted.



15. When the Properties window is displayed (Figure 13), check that the modem speed matches the OMNI baud rate. When the speed has been set, click “OK”.

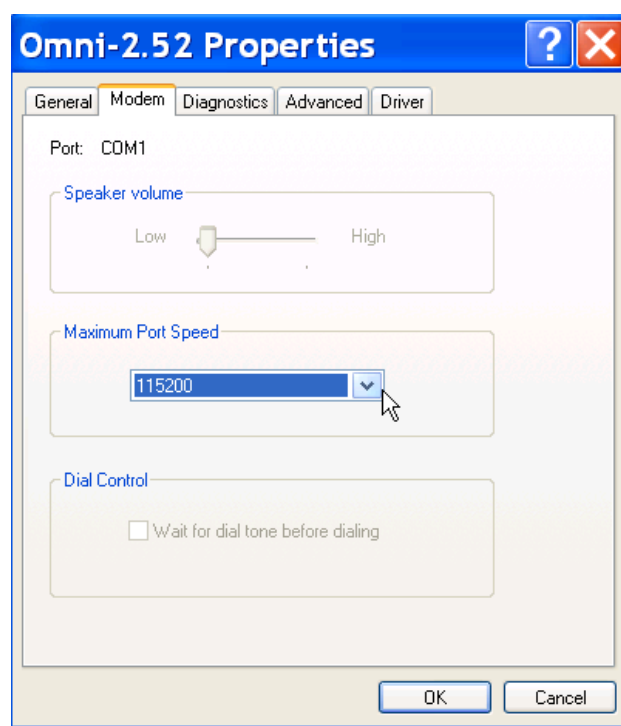


Figure 13

16. When Figure 12 is redisplayed, click “Close” to finalize the settings.

The computer will reboot and the modem installation is complete.

A dialup connection can now be made to use the OMNI modem. This setup is described in the Dialup Networking Application Note.



5 Reference

- See Windows help for further information regarding installing modems.
- See the OMNI User Manual for information regarding remote control mode.
- See the Dialup Networking application notes for information regarding creating a dialup connection using the OMNI.
- Contact L-3 Communications Systems East Tech Support at 1-800-339-6197 (toll free) or 1-856-338-6207 (outside the US).