



I-MODEM INF README FILE

New Features

The MDMUSRIM information file now allows the selection of the 230,400 bps DTE speed from Windows if you have an external I-Modem and a serial card that supports the 230,400 bps DTE rate. If you use the 230,400 bps speed selection from Windows without meeting the previous two conditions, your modem will not function.



Most PCs do not support the 230,400 bps DTE rate. Consult the documentation that came with your PC or serial interface card to determine if the 230,400 bps DTE rate is supported.

Profiles

Windows 95/98 users now have the ability to install preset "Profiles" for the I-Modem using the MDMUSRIM information file. Multiple profiles can be installed on the same communications port which allows you to change the type of connection you make with your I-Modem without modifying initialization strings.

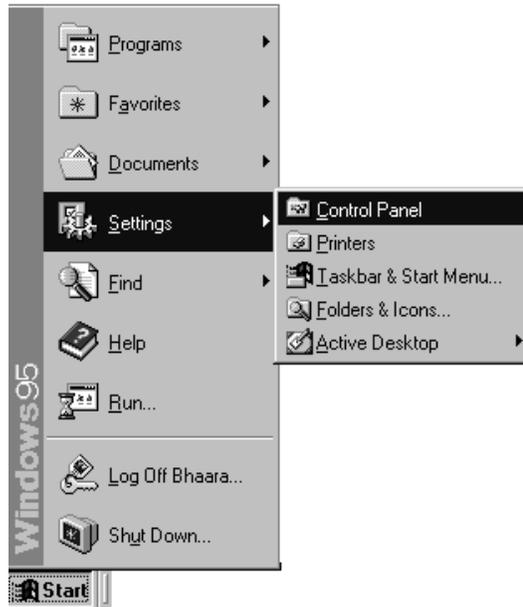
For detailed information on installing profiles please see section **Installing Profiles under Windows 95**.

Unimodem Driver

The release of the I-Modem includes a new Unimodem driver for Windows 95 and Windows N.T. 4.0. The Unimodem driver for the I-Modem and Total Control products is MDMUSRIM.INF.

Follow these steps to determine what you will need to do next in order to upgrade your modem information file to support V.90.

Go to Start--> Settings--> Control Panel



Double click Modems Modems

If your modem is already listed in your Control panel, Modems list, you will need to update your information file to support your V.90 modem. Skip to section **Updating your I-Modem information file to support V.90.**

If your modem is not listed in Control Panel Modems, skip to section **Installing your I-Modem information file to support V.90.**

Updating your I-Modem Information file to support V.90

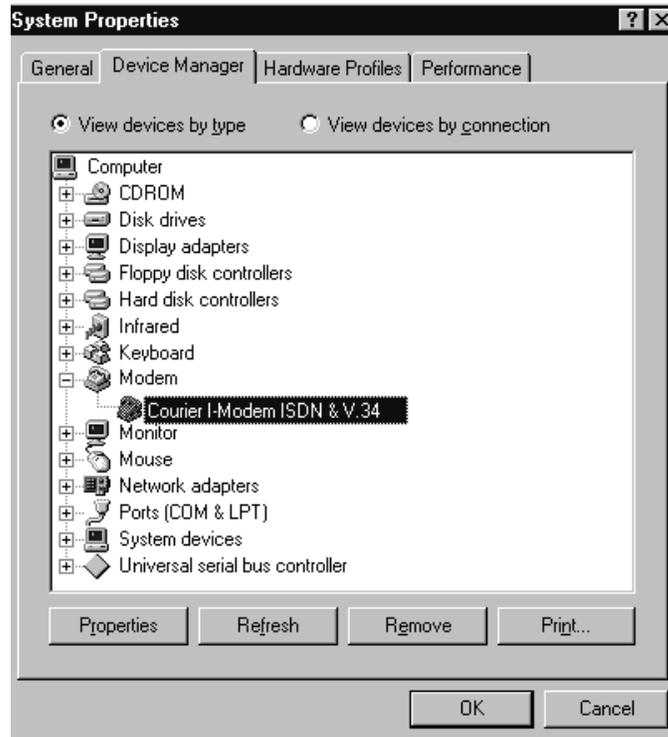
If your modem is already listed in your Control Panel, Modems list.

For Windows 95 : First copy the MDMUSRIM.INF file to a disk. Next, follow the steps below.

- 1 Go to Start--> Settings--> Control Panel
- 2 Double click System.



- 3 Select the Device Manager tab.
- 4 Double click Modems.



- 5 Select your Courier and choose Properties.



If there is a tab labeled Driver, select it.

If there is no driver present, skip to section **Installing your Courier information file to support V.90.**

- 6 Click the Update Driver button.

A prompt will appear to search for the driver. Insert the disk containing the information files into your floppy drive.

- 7 Select Yes and click next.

Windows will report that it found an updated driver and list *Courier I-Modem (V.90&x2)*.

- 8 Click on finish. Your modem will now be listed in Control Panel Modems as a *Courier I-Modem (V.90&x2)*.

The process of updating your information file is complete.

Windows 98 First copy the MDMUSRIM.INF file to a floppy disk and follow the steps below.

- 1 Go to Start -->Settings --> Control Panel
- 2 Double click System.



System

- 3 Select the Device Manager tab.
- 4 Double click Modems.
- 5 Select your Courier and choose Properties.
- 6 Select the Driver tab.
- 7 Click the Update button (This will start the Update Device Wizard).
- 8 Click Next.
- 9 Choose "Search for a better driver than the one your device is using right now" and click Next.
- 10 Check the box for "floppy drive." Insert the disk containing the INF file into your floppy drive and click Next.

Windows will report that it found an updated driver and list "Courier I-Modem (V.90&X2)".

- 11 Click on finish. Your modem will now be listed in Control Panel Modems as a "Courier I-Modem (V.90&x2)".

The process of updating your information file is complete.

For Windows NT Skip to **Installing your information file to support V.90.**

Installing Your I-Modem Information File to Support V.90

First copy the MDMUSRIM.INF file to a floppy disk. Next, follow the steps below.

Windows 95 or Windows 98

- 1 On your Desktop, double-click My Computer.
- 2 Double-click the disk drive where you have installed Windows (usually C:)
- 3 Double-click the Windows folder (or the folder where you have installed Windows).
- 4 Go to the View menu and select options. Choose the view tab and select "show all files". Click OK.
- 5 Double-click the INF folder.
- 6 Insert the disk containing the INF files into your floppy drive.
- 7 Double-click My Computer. Double-click the floppy drive (usually A:).

- 8 From the floppy drive, select MDMUSRIM.INF and drag it into the folder. If you are prompted with a "Confirm File Replace" dialog box, choose Yes.
- 9 Search in the INF folder for these files: **DRVDATA.BIN** and **DRVIDX.BIN**

Select both files by holding the <Ctrl> key and left clicking on each file.

Go to the File menu-->Delete

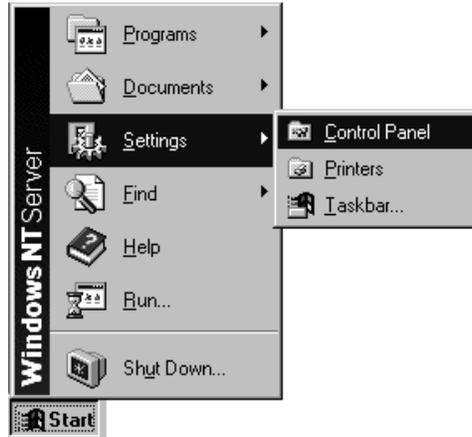


- 10 In the INF folder, look for a file named CR230K.INF. If the file is not present proceed to the next step. If the file exists, select it, go to File menu--> Delete.
- 11 Close all open windows.
- 12 Go to Start--> Settings--> Control Panel.
- 13 Double-click Modems.
- 14 Highlight any Courier modems you have listed in that screen and choose Remove.
- 15 Reboot your computer.
- 16 Windows should find new hardware and install your Courier as a *Courier I-Modem (V.90&x2)*.

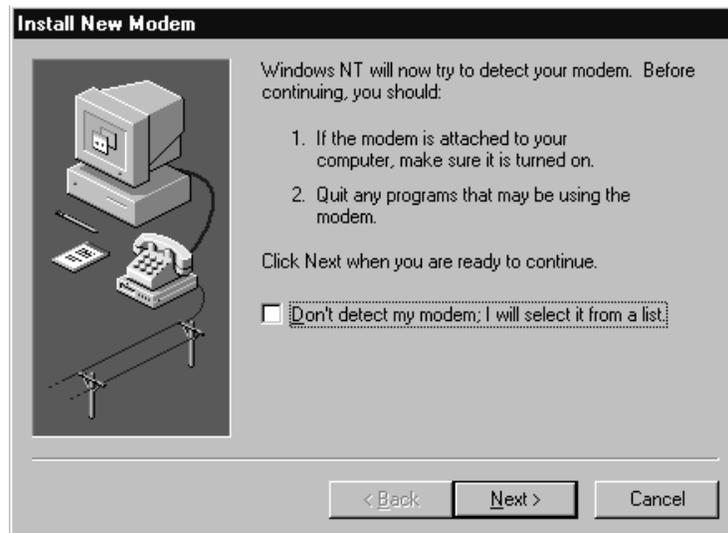
The process of updating your information file is complete.

For Windows NT Copy the MDMUSRIM.INF file to a floppy disk and follow the steps below.

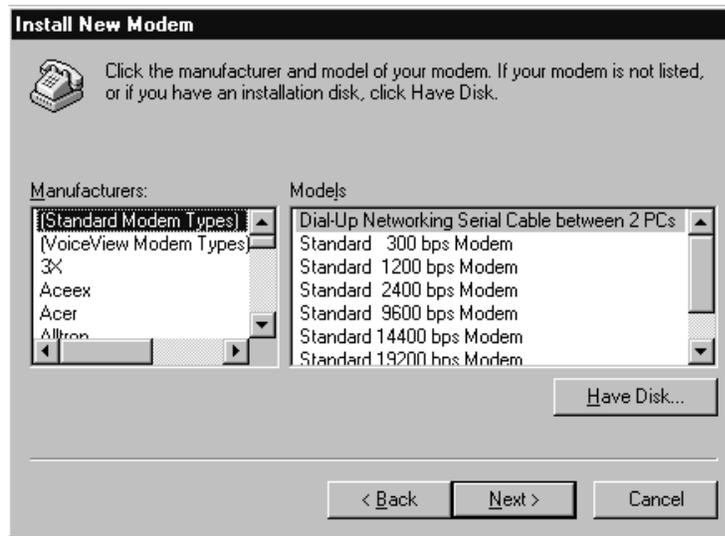
- 1 Go to Start--> Settings--> Control Panel



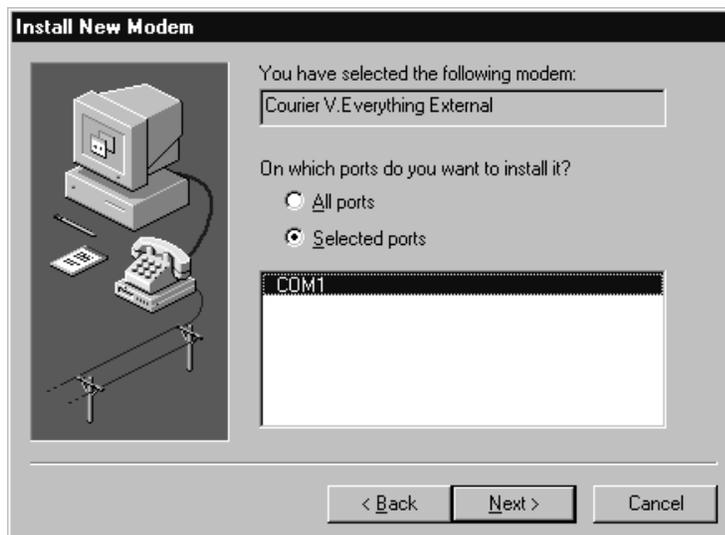
- 2 Double-click Modems. Modems
- 3 Select any Courier modems that are installed and click Remove.
- 4 Click Add. The *Install New Modem* window will appear.



- 5 Check the box that says, "Don't detect my modem; I will select it from a list" and click Next.



- 6 Insert the disk containing the INF files into your floppy drive and choose "Have disk." You will be prompted for the letter of your floppy drive (usually A:). Click OK.
- 7 If you have an external Courier select "Courier I-Modem EXT (V.90&x2)".
If you have an internal Courier select "Courier I-Modem INT (V.90&x2)".
Click Next.
- 8 Select the COM port your modem is installed on and click Next.



- 9 Click OK to close Control Panel Modems.

- 10 Windows may inform you that the list of installed modems has changed and that Dial-up Networking needs to be reconfigured. You can reconfigure Dial-up Networking now.
- 11 Reboot your computer.

The process of updating your information file is complete.

Installing Profiles Under Windows 95/98

The profile feature of the MDMUSRIM information file allows you to install multiple instances of your Courier I-Modem on the same communications port. This will allow you to change the type of connection you make with your I-Modem without modifying initialization strings.

You can choose the connection you would like to make by choosing a different modem profile in the "connect using" dialog box of Windows 95/98 Dial-Up Networking.

In addition to the standard I-Modem driver the MDMUSRIM information file allows Windows 95 users to install the following modem profiles.

- I-Modem EXT (V.120 Profile)
- I-Modem EXT (TurboPPP 128K Profile)
- I-Modem EXT (TurboPPP DBA Profile)
- I-Modem EXT (Forced Analog Profile)
- I-Modem INT (V.120 Profile)
- I-Modem INT (TurboPPP 128K Profile)
- I-Modem INT (TurboPPP DBA Profile)
- I-Modem INT (Forced Analog Profile)

For your modem to	Use this Profile	These I-Modems
Autodetect 56/64K, V.120, or Analog type connections (Initializes modem with *V2=0)	V.120 Profile	Internal (INT) and External (EXT)
Use Multilink PPP connections when you want Both B channels to always be connected (Initializes modem with *v2=5*D0=1)	TurboPPP 128K Profile	Internal (INT) and External (EXT)
Use Multilink PPP connections when you want only the second B channel active when it is needed (Initializes modem with *V2=5*D0=0)	TurboPPP DBA Profile	Internal (INT) and External (EXT)
Force an analog type connection. (Initializes modem with *V2=3)	Forced Analog Profile	Internal (INT) and External (EXT)

To install a profile under Windows 95/98

- 1 Go to Start--> Control Panel
- 2 Double-click Modems.
- 3 Click Add.
- 4 Check the box that says " Don't detect my modem; I will select from a list" and click Next.
- 5 Select U.S. Robotics Access Corp from the manufacturers list.
- 6 From the Models list, choose the profile you want to install.

If you have an internal I-Modem use the " I-Modem INT" profiles.

If you have an external I-Modem, use the " I-modem EXT" profiles.

Click Next.

- 7 Choose the communications port where your I-Modem is installed and click Next. Windows will install your profile.
- 8 Click Finish.
- 9 Repeat the procedure for each profile you want to install.

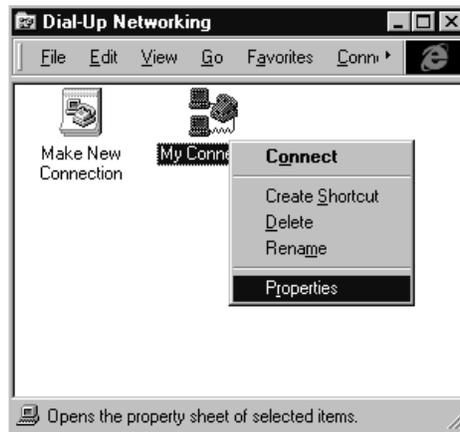
Using your profiles

- 1 Double click My Computer.
- 2 Double click the Dial Up Networking folder.
- 3 Right click one of your connectiods and choose properties.

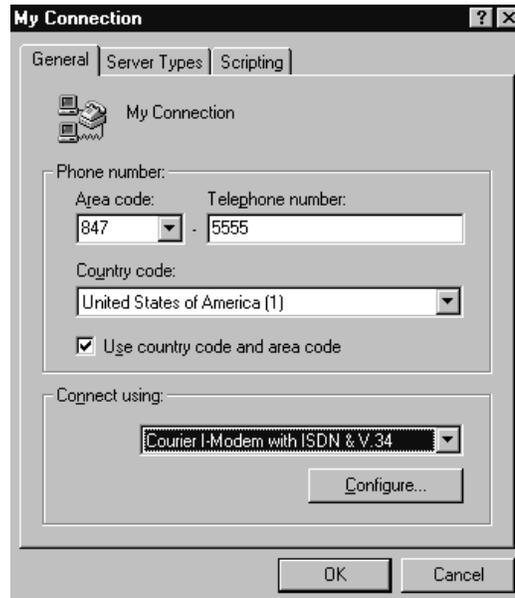


Dial-Up
Networking

If you do not have connections refer to the I-Modem *Getting Started Guide* and the *Command Reference*, found on the CD-ROM, for help on setting up connections.



- 4 Under the General Tab you will see a box to select the modem you want to use for your connection.



Click the drop down box and select one of your I-Modem profiles.

- 5 Click OK.

When you double click this connection the modem will be initialized according to the profile you selected.

When you have completed your connection click the Disconnect button. Your I-Modem will return to it's factory default settings of the Hardware Flow Control template and Multilink PPP with Dynamic Bandwidth Allocation.

The initialization string that is used to restore your modem to these settings is AT&F1*V2=5*D0=0.



Windows views each of these profiles as independent devices. You cannot use two profiles with two different programs simultaneously.

For example, if you use a fax application in auto answer mode with forced analog profile, you will not be able to dial out with Dial-Up Networking using the V.120 profile because the fax application already has control of the communications port.