

Due to specific timing needs not possible in a Windows environment, the FreeWave multipoint diagnostics software runs in an MSDOS window of a PC. However, it is often desirable to have the diagnostics distributed from the point of collection throughout the network. This app note describes how to accomplish that.

1. Install pcAnywhere on the computer on which the diagnostics software is running and connected to the master. For the purposes of this app note it is assumed that this PC will be on a network and connected either through a network connection, phone modem, or other connection.
2. Install pcAnywhere on any of the computers where you wish to be able to access the data from the multipoint master
3. Set up the diagnostics PC to be a Host PC in pcAnywhere, using the appropriate Properties settings for the network on which the PC resides.
4. On the PC on the network from which you wish to view the diagnostics data select the Network icon under the Remote Control tab and double click. You should then be presented with a list of devices to which you can connect, the diagnostics computer being one of those choices. Double click on the selection for the diagnostics computer, and you will then be able to view and control that PC, including running and controlling the diagnostics software.

pcAnywhere offers the ability for numerous computers on the network to view the diagnostics PC simultaneously. To enable this feature right click on the Network icon on the diagnostics PC and chose Properties. Select the Conference tab, and then check to Enable conferencing box. When pcAnywhere is used in this mode the first computer to connect to the host will be able to control it, while all others will be able to view only.

Radio setup

Use of FreeWave modems with diagnostics requires the modems to be set in multipoint mode with diagnostics enabled. Consult the FreeWave User Manual for more information. In addition, for this application, the following hardware and software are needed:

- ◆ FreeWave Diagnostics Cable PN ECD2409DC
- ◆ PC running FreeWave Diagnostics software at the Master site
- ◆ pcAnywhere v8.02

