
Connecting to the Serial (RS-232) Port on the MERLIN[®] and PARTNER[®] Messaging Systems

To use the Maintenance and Service Interface on the MERLIN[®] or PARTNER[®] Messaging system, you must connect the serial port on a PC to the RS-232 port on the face of the messaging module and use a communications application, such as HyperTerminal. The HyperTerminal application is available on any PC running a Microsoft[®] Windows[®] (95, 98, NT, 2000, or XP) operating system.

To connect the PC and messaging system together, you will need a D8W cable (up to 25-feet), a 355AF adapter, and a male DB-25-to-female DB-9 connector (commonly referred to as an AT modem cable). The following steps explain how to access the Static IP, Subnet Mask and Default Gateway addresses on the messaging system using the maintenance/service interface.

1. Connect the D8W cable from the messaging system's RJ-45 RS-232 port to the 355AF adapter, the 355AF adapter to the male DB-25 adapter on the AT modem cable and the female DB-9 connector to the serial port on the PC.
2. Start a HyperTerminal session on the PC by clicking on **Start->Programs->Accessories ->Communications->Hyperterminal**. (For Windows 98, you must click **Start->Programs ->Accessories->Communications->Hyperterminal->Hyperterminal.exe**.) The HyperTerminal Connection Description dialog box appears.
3. Enter a name that describes the connection (for example, MERLIN or PARTNER Messaging), and click the **OK** button. The Connect To dialog box appears.
4. From the Connect using box, select the COM port on the PC to which the RS-232 cable is connected, and then click the **OK** button. The COM Properties dialog box appears.
5. Set the following options:
 - Bits per second: 38400 (MERLIN Messaging) or 19200 (PARTNER Messaging)
 - Data bits: 8
 - Parity: None
 - Stop bits: 1
 - Flow control: None
6. Click the **OK** button. The messaging system prompts you to log in.
7. Type `sysadmin`, and then press the ENTER key. The Password prompt appears.
8. Enter the administrator password, and then press the ENTER key. The Options menu appears.
9. Enter 1, and press the ENTER key. The System Configuration Options menu appears.
10. Enter 3, and press the ENTER key. The IP Address Assignments menu appears.
11. Note the IP address assignments (IP Address, Subnet Address, Default Gateway Address).
12. Press the ENTER key. The System Configuration Options menu appears.
13. Press the ENTER key again. The Options menu appears.

14. Enter 7, and press the ENTER key to log out of the messaging system Maintenance and Service Interface.
15. Close the HyperTerminal session.