



Modem Interface for Remote Communications

If a Tracker Version 10 panel is available and the VariTrac CCP is connected to it, the CCP can be accessed remotely via the Tracker modem using the Tracker PC software. If no Tracker is available, an external modem can be connected to the VariTrac PC port (RJ-12 style socket) for remote site communications.

Modem Requirements for the VariTrac CCP

It is recommended that a 56K baud US Robotics Sportster fax/data external modem be used for VariTrac CCP applications. This is the only modem that has been tested to function properly with the CCP, and is the only modem application Trane will support with VariTrac. A dedicated phone line should be provided for the modem.

Configuring the External Modem

The following configuration must be followed for 56K baud US Robotics fax/data external modem:

- Check the DIP switch settings on the back of the modem.
- Make sure that switches 1, 4, 7, and 8 are down.
- Make sure that all other switches are up.

Connecting the Modem to the VariTrac CCP

Use the following Trane adapters and cables to connect the modem to the central control panel:

- 1 Use the 35914260, RJ12 to RJ12 cable, and the 35914263, 25-pin modem adapter plug.
- 2 The modem should be powered down when making connections to the CCP.
- 3 Plug one end of the RJ12 cable into the central control panel PC port, (RJ-12 style socket located on the bottom of the CCP).
- 4 Plug the other end of the RJ12 cable into the 25-pin modem adapter, and attach the adapter to the 25-pin socket on the back of the modem.
- 5 The modem should be powered with the separate power supply transformer shipped with the modem. (See the VariTrac CCP Installation Guide for additional modem cabling and connection information.)

Modem Operation

Power the modem on. The modem is now ready for use with the VariTrac CCP. Remote connection to the modem is done using the VariTrac PC software and selecting the "remote connect" option. The software provides a setup screen to select the comm port for your PC modem, the site name, and the site phone number. Once you are remotely connected to the site, the PC software functions the same as if you were directly connected to the panel on site.

VariTrac CCP Interface

The VariTrac central control panel offers three methods for an operator to interface with the panel:

- CCP operator display
- VariTrac PC software
- Tracker Version 10 panel

CCP Operator Display

The optional operator display is a back-lit, liquid crystal display with touch-screen programming capability. Through the display you can access system status and zone status, and perform basic setup of the zone UCMs and the CCP system operating parameters. The display is designed to give an installer the ability to commission a VariTrac system without requiring a PC. Additionally, the operator display has a seven-day time clock built in to provide stand-alone scheduling capability of the VariTrac system.

If no Tracker system is on the job, the CCP must be ordered with a display. (See Using the Operator Display, p. 41.)

VariTrac PC Software

Advanced setup functions in VariTrac are now accomplished with a new Windows®-based, graphical PC software program. Connection between the PC and the CCP is made with a standard serial port cable connection. Operation of the PC software is supported through online help in the software.

Tracker Version 10 Panel

If the CCP is connected to a Tracker Version 10 panel, all setup and status information for the CCP can be accessed and configured from the Tracker operator display. This allows you to manage multiple VariTrac systems from one location. You may also interface with the CCPs via Tracker PC software either on site or remotely. If Tracker is available, the CCP may have a blank face plate installed instead of an operator display.