

- 4) When the prompt returns, type the command shown below and press enter:

y.y.y.y is the IP Address provided in Required Configuration Data – Step 4a above

telnet y.y.y.y 9999

- 5) Press “Enter” immediately when the next screen appears
6) The telnet set-up configuration menu should appear

```
Message:
Priority: L
Min. notification interval: 1s
Re-notification interval : 0s

Xxx Triger 3
Serial Sequence: 00.00
CP1: X
CP2: X
CP3: X
Message :
Priority: L
Min. notification interval: 1s
Re-notification interval : 0s

Change Setup:
 0 Server Configuration
 1 Channel 1 Configuration
```

- 7) This menu will be used to configure and set-up the TCP/IP Card. Menu selections “0” and “1” must be set-up and saved before exiting using selection “9”
- 8) The Assigned TCP/IP Address, Gateway, and Subnet Mask from Required Configuration Data – Steps 4a, 4c, and 5 from this guide must be entered in menu selection “0” and saved for proper module configuration.
- 9) Obtain the TLS software version recorded for Required Configuration Data – Step 1 of this guide.
- 10) Using the software version, refer to the appropriate tables on Pages 8, 9, 17, 18 to configure the TCP/IP settings in telnet menu selections “0” and “1”.
- 11) Upon completing the configuring information, you must exit using menu selection “9” to properly save the settings.
- 12) When returned to the telnet prompt, type telnet y.y.y.y 10001 or the port number assigned to you by your IT Department to begin entering commands to retrieve data from the TLS Console.

VEEDER-ROOT QUICK GUIDE TCP/IP Card Installation and Setup

This Quick Guide is intended to be used in conjunction with the TCP/IP Installation Manual and the TLS-3XX System Setup Manual.

Required Configuration Data

- Retrieve the version of TLS software currently installed. (Refer to Page 7 of TCP/IP Manual for retrieval instructions)
Version: _____
- Select the communication slot in the TLS where the TCP/IP Card is to be installed. (Refer to Step 3 - Page 6 if Slot 4 is selected. Slot 4 will require a interconnect cable and jumper change)
1 2 3 4
- Record MAC Address from X-Port device on TCP/IP card. (example: 00-20-4a-4c-83-7d) (Refer to Figure 1 – Page 3 for MAC Address location)
00-20-4a- - - -
- Obtain the following information from the Customer IT Department or Internet Service Provider (ISP) for correct TCP/IP Configuration.
 - IP Address to be assigned to TCP/IP. (example: 10.2.12.17)

 - IP Address to be assigned to the computer used for direct configuration. Note: This address will be one digit more or one digit less than the IP Address issued for assignment to the TCP/IP Card. (example: an assigned IP Address of 10.2.12.17 would use 10.2.12.16 or 10.2.12.18)

 - Gateway Address for router or server. Enter no values if not required by you network administrator. (example: 10.2.12.1)

- Assign connection to this port and Subnet Mask unless otherwise instructed
Default Port: 10001
Subnet Mask: 255 . 255 . 255 . 0

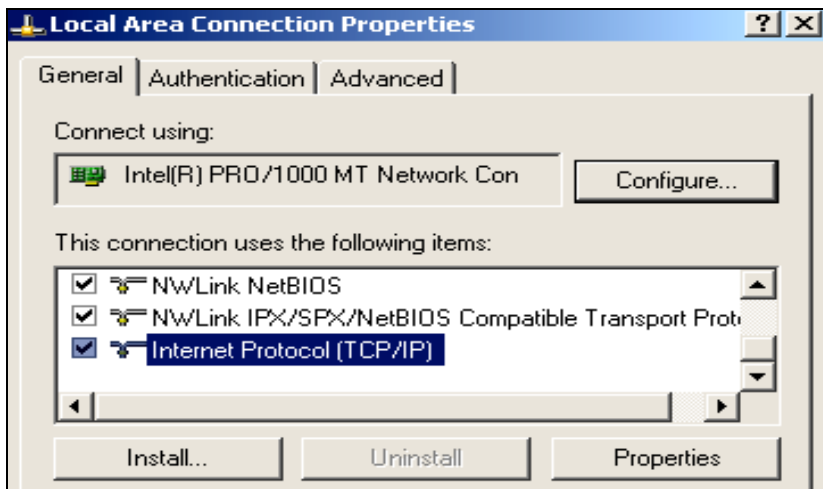
TCP/IP Card Installation

- Verify that the Battery Backup Switch is “ON”. (Refer to Page 4 (TLS300) or Page 5 (TLS350 /Promax) of the TCP/IP Manual for instructions.)
- Turn the TLS Console power “OFF”.

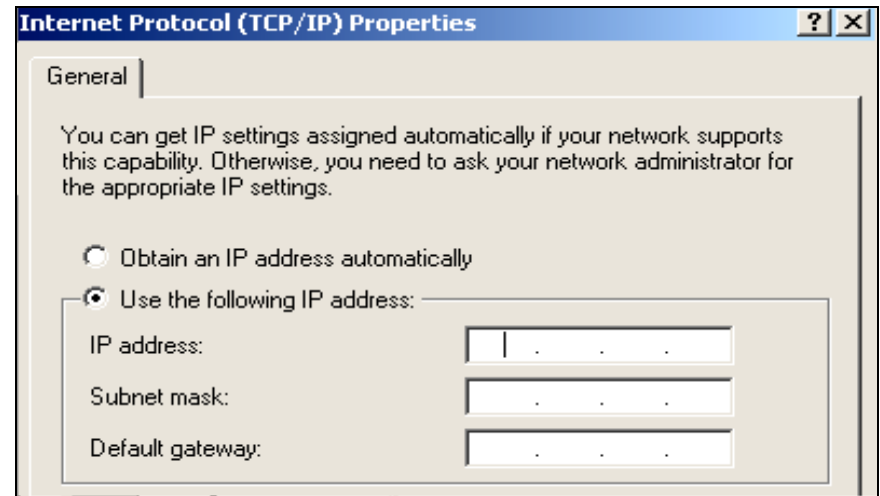
- 3) Install the TCP/IP Module. (Refer to Page 4 – Step 2 (TLS300) and Page 6 – Step 2 (TLS350 / Promax) of the TCP/IP Manual for further instructions)
- 4) Turn the TLS Console Power “ON”
- 5) Set-up the communication port in the TLS Console. (Refer to Page 8 – Step 4 of the TCP/IP Manual for Instructions)

PC Set-Up for TCP/IP Card Configuration

- 1) Using the “Direct Connect” configuration method recommended by Lantronix, connect your PC or Laptop to the TCP/IP Module with an “**Ethernet Crossover Cable**”. Plug one end of the cable into the RJ-45 connector of your computer and the other into the RJ-45 connector of the TCP/IP Module. **Note: A standard network “CAT 5” cable will not work for a direct connect TCP/IP configuration.**
- 2) Before proceeding with the TCP/IP configuration, disable any “Wireless” device connections on your PC.
- 3) Configure your computer for direct setup as follows:
 - a) Select “Start” at the bottom of the Windows screen
 - b) Select “Settings” followed by “Control Panel” from the start menu
 - c) Select “Network Connections” from the control panel menu
 - d) Right Click on “Local Connection” in the network connections menu
 - e) Select “Properties” from the menu that pops up
- 4) Go to the tab that provides details similar to the picture below and left click on the TCP/IP line and select the “Properties” button.



- 5) Select “Use the following IP address” and enter an IP Address and Subnet Mask from Required Configuration Data – Steps 4b and 5 of this guide as provided by your IT Dept.



- 6) Select “Ok” or “Apply” to exit the menus.

PC Set-Up for TCP/IP Card Configuration

- 1) With the PC and TCP/IP still connected via the Ethernet Crossover Cable, open the DOS prompt on the PC.
- 2) At the prompt type the command shown below and press enter:

y.y.y.y is the IP Address provided in Required Configuration Data – Step 4a above.

XX-XX-XX is the last three digits of the MAC Address in Required Configuration Data – Step 3 above.

arp -s y.y.y.y 00-20-4a-XX-XX-XX

- 3) When the prompt returns, type the following message and press enter:

y.y.y.y is the IP Address provided in Required Configuration Data – Step 4a above.

telnet y.y.y.y 1

Note: A message stating “Connecting to y.y.y.y ...could not open a connection to host on port 1. Connect failed or could not open connection to y.y.y.y” should appear before your prompt returns for the next command. This should happen within 5 seconds.