The NIC (Network Interface Card) provides a plug-in TCPIP interface for all CAT and most TEC products.

This interface is powered from the CAT or TEC and is provided with a “MAC” number and default TCPIP number.

The NIC is shipped with Lantronix Com Port Re-director configuring software and the manual on CD.

NIC STANDARD FEATURES
- TCPIP network compatible ONLY.
- Compatible with all CAT products.
- Compatible with TEC products running Selcom 2000 or higher *(except the TECVision).
- Compatible with TEC101.
- Requires the end user to have a qualified network manager for setup.
- Capable of up to 10 NICs on a single network when running Selcom 2000.

“Select...Don’t Settle”
Optional Network Interface Card for CAT and TEC*

INSTRUCTIONS

SES Network Interface and Com Port Re-Director

The SES Network Interface is used to provide a Programming and Data connection to a SES CAT or TEC Telephone Access Controller through a local area network. The SES Network Interface provides for conversion of the standard serial interface in the SES CAT or TEC controller to a TCP/IP connection. All portions of the connection must operate at the same speed and connectivity settings. We are pre setting the selections to 9600 baud, 8 bits, no parity, 1 stop bit.

A. Set channel 1 - RS232 Protocol
B. Set Speed - 9600
C. Set Character size - 8
D. Set Parity - None
E. Set Stop Bit - 1
F. Set Flow Control - None

17 In the ‘Connect Mode Settings’:
A. Set the UDP Datagram Mode to ‘Disable’
B. Set the UDP Datamode Mode to ‘None’
C. Set Incoming Connection to ‘Accept Unconditional’
D. Set Response to ‘Nothing’ (‘Off’)
E. Set Startup to ‘No active startup’.

18 In the ‘Dedicated Connection’:
A. Set the ‘Remote IP Address to ‘0.0.0.0’. Note: This would be set to the IP address of the controlling computer, if maximum security is desired.
B. Set Remote Port to ‘0’
C. Set ‘Local Port’ in the range of ‘14000’ to ‘14009’. This range allows for ten units to be connected to your system. Check with your System administrator to insure there are no conflicts with any other devices connected to your network. Remember the Port Number you assign as you will need it to configure your ‘Com Port Redirector’.

19 All of the settings in the ‘Flush Mode Input Buffer’ and ‘Flush Mode Output Buffer’ are set to ‘Disabled’.

Installing the Com Port Redirector

The Com Port Re-director software is provided by Lantronix and may be downloaded from their website, http://www.lantronix.com/. As a courtesy, a copy is provided on a CD, including the manual in Adobe PDF format. A free copy of Adobe Reader to be used to view the manual may be downloaded from their website, http://www.adobe.com/. As a courtesy, a copy of Adobe Reader is provided on the CD as well.

Installation and configuration

1 Obtain the Comport redirector software from the web or locate the file in the CD.
2 Execute the ‘Setup.exe’ to install the software.
3 Follow the setup instructions to install the Lantronix Comport redirector.
4 After installation start the application called ‘Configuration’ in the Lantronix Comport redirector menu.
5 Select the “Com Setup button on the Main Screen.
6 Select an unused Comport to use with this SES Network Interface Card (Note, each SES Network Interface Card must have a separate Comport to address it with.) and Select ‘OK’
7 In the Port Configuration Box, Select the Comport to redirect (The port you just enabled).
8 In the Port Configuration Box, Select ‘Add IP’.
9 In the IP Service setup box, type in the Host window, the IP address of the SES Network Interface Card to assign.
10 In theTCP Port window, type in a number 11,000 LESS than the ‘Local Port’ in the range of ‘14000’ to ‘14009’ you setup in the SES Network Interface Card. 
11 Select ‘OK’ then Close. This completes the installation of the Lantronix Comport Redirector.

Setting Selcom 2000 and Selcom 2002 or 2003

Selcom 2003 allows setting up to commit port 9 and Selcom 2002 or 2003 allows setting up to commit port 99. To set and test a connection in Selcom, proceed as follows:

1. Select a Site that you have created for the CAT or TEC unit using the SES Network Interface Card
2. Select the Menu Selection ‘File’ - then – Edit CAT/TEC Unit Data; On the Unit Data screen, Select Use Serial, a Baud rate of 9600 and a Com Port to exactly match the number you selected in the Comport Redirector.
3. Select ‘Finished’ on the Unit Data screen.
4. Select the Menu Selection ‘Options’ then ‘Terminal’.
5. Select the ‘Select terminal icon on the Terminal screen.
6. The redirector message should appear then disappear.
7. Press the ‘Esc’ key and “Password’ should appear on the terminal screen.
8. Key in the Unit password and the ‘Main Menu’ should appear.
9. Press the RED X on the terminal screen. Your test is complete. You may now use the Selcom Software in the Normal Manner. The redirector message should appear then disappear during use.
10. Press the the ‘Esc’ key and “Password’ should appear on the terminal screen.
11. Key in the Unit password and the ‘Main Menu’ should appear.
12. Press the RED X on the terminal screen. Your test is complete. You may now use the Selcom Software in the Normal Manner.

NIC

* not compatible with TECVision