NETWORKING AND SYSTEM MAINTENANCE
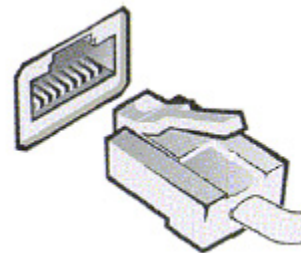
For the SIA-3000

Topics of this paper:

- Networking the SIA-3000
- Running Scandisk & defragmenting the drive
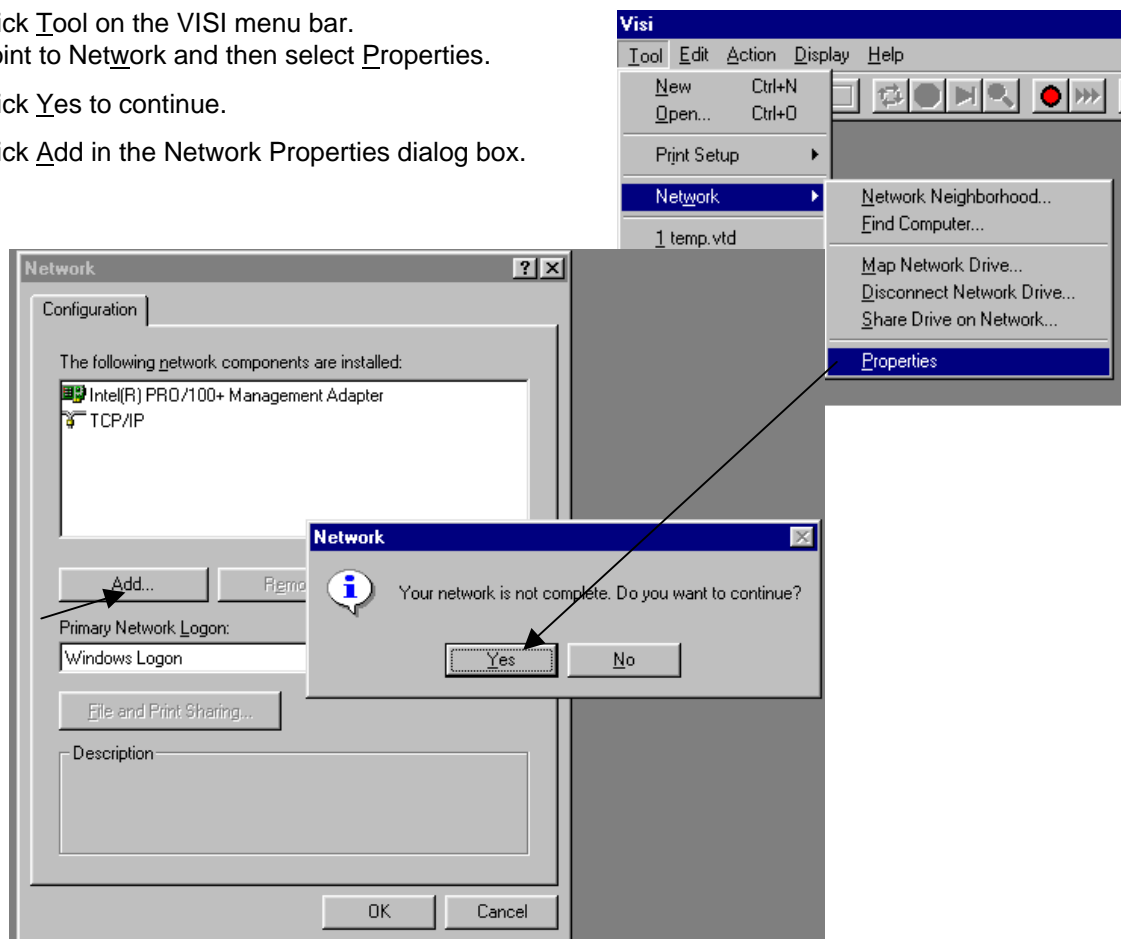- Hooking up an external monitor

Connecting to the Network Interface Card (NIC)

A 10/100BaseT NIC card is included with every SIA-3000. Consult with your company's information systems personnel to ensure your LAN system is compatible with the SIA-3000 network card and to establish a local network connection. Plug the RJ45 cable connector into the RJ45 connection on the back panel.
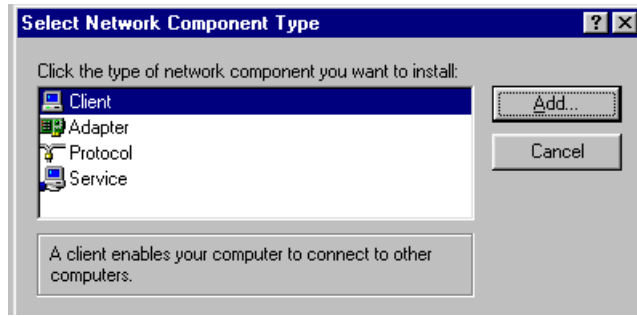
Connecting to a Microsoft Network

- Connect the network cable to the RJ45 connector of the SIA 3000.
- Power up the SIA 3000 (this will take a few minutes)
- Click Tool on the VISI menu bar.
- Point to Network and then select Properties.
- Click Yes to continue.
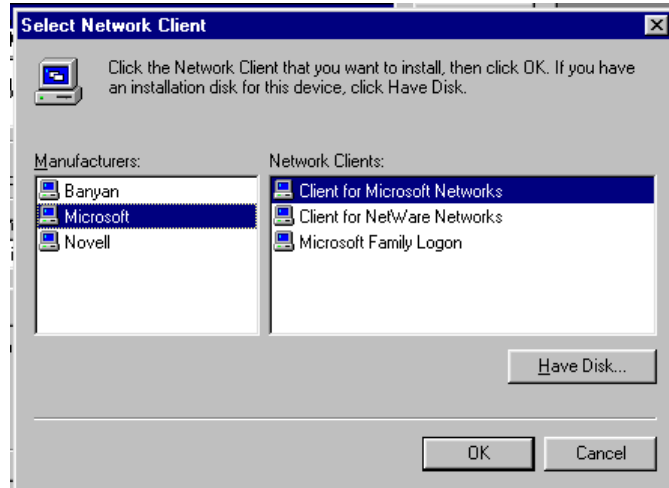- Click Add in the Network Properties dialog box.
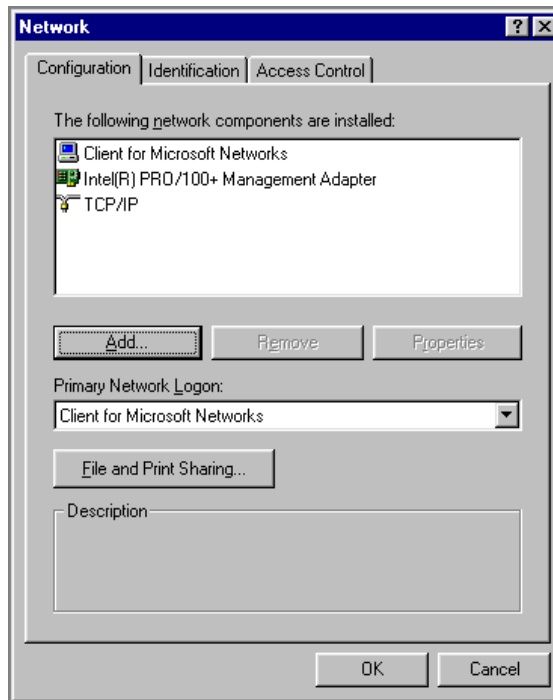
- Select Client and click <u>A</u>dd

Add Network Component Dialog Box

- Select 'Microsoft' for Manufacturers.
- Select 'Client for Microsoft Networks' for the Network Clients.
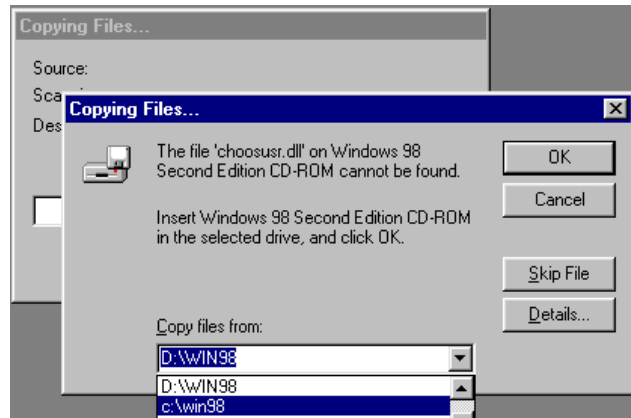- Click OK

Add Client Dialog box

- Click OK on the Network dialog window
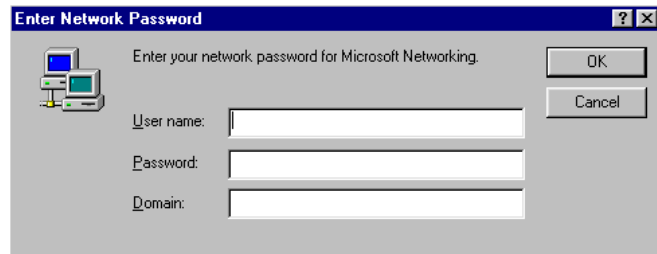- Click OK <u>if</u> prompted for the Windows 98 CD

Complete Network Dialog box

- Select C:\Win98 from the Copy files from drop down box.

- Click OK

- Click Yes to restart the system.

- Once the system is running enter:
    - *Username*
    - *Password*
    - *Domain (once you enter this value it will be stored automatically)*
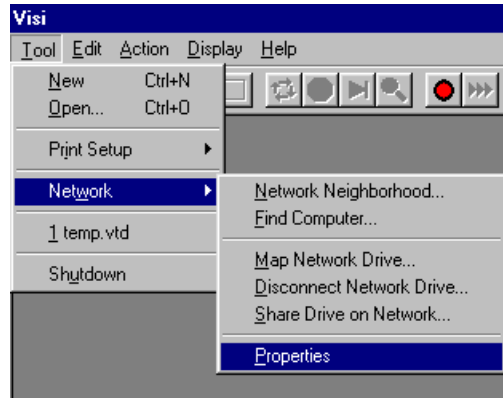   - -Obtain these from your Network Administrator)
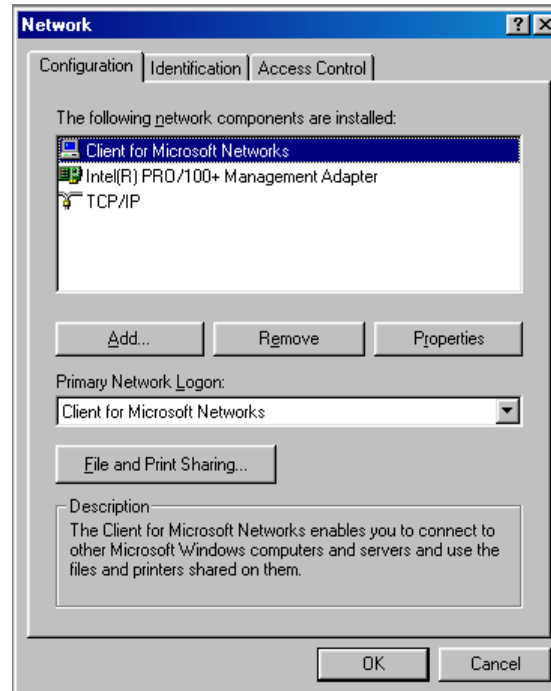
- Click OK

Important:
Consult your Network Administrator before connecting to the network regarding virus protection software and security issues. Virus software will need to be "Pushed" onto the SIA-3000. Also find out if the network is using static or dynamic IP addresses.

Changing the Network Domain Name

- Click <u>T</u>ool on the VISI menu bar.

- Point to Net<u>w</u>ork and then select <u>P</u>roperties.
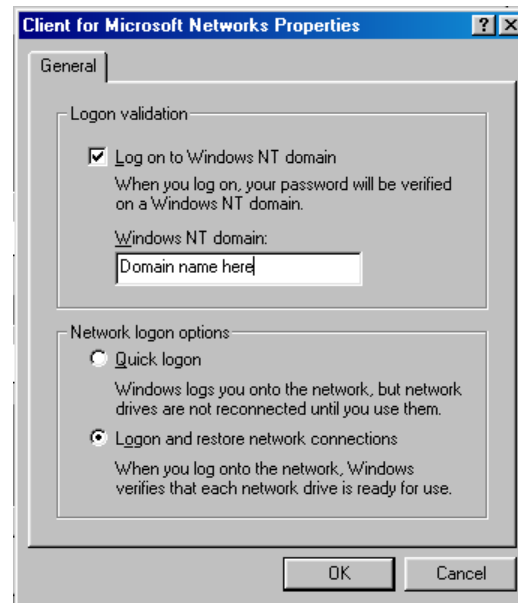
- Select Client for Microsoft Networks

- Select P<u>r</u>operties
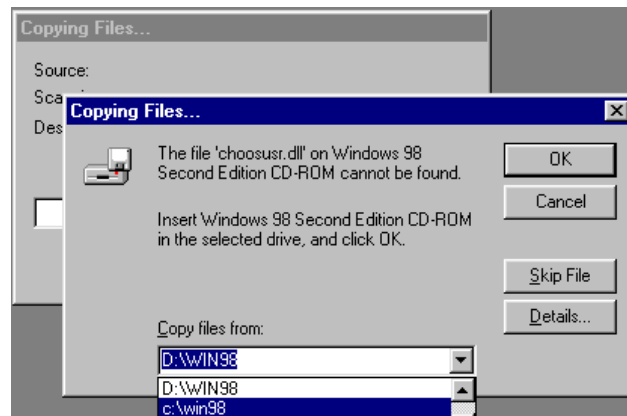
Network Properties Dialog Window

- Check "Log on to Windows NT domain"

- Enter the network domain name in the Windows NT domain text box.

- Either option for the Network logon options will work

- Select OK when finished

- Select OK on the Network Properties Dialog Window

- Click OK if prompted for the Windows 98 CD

**Client for Microsoft Networks
Properties Dialog Window**

- Select C:\Win98 from the Copy files from drop down box.

- Click OK

- Click Yes to restart the system.

The SIA-3000 will restart and the domain will be as selected.
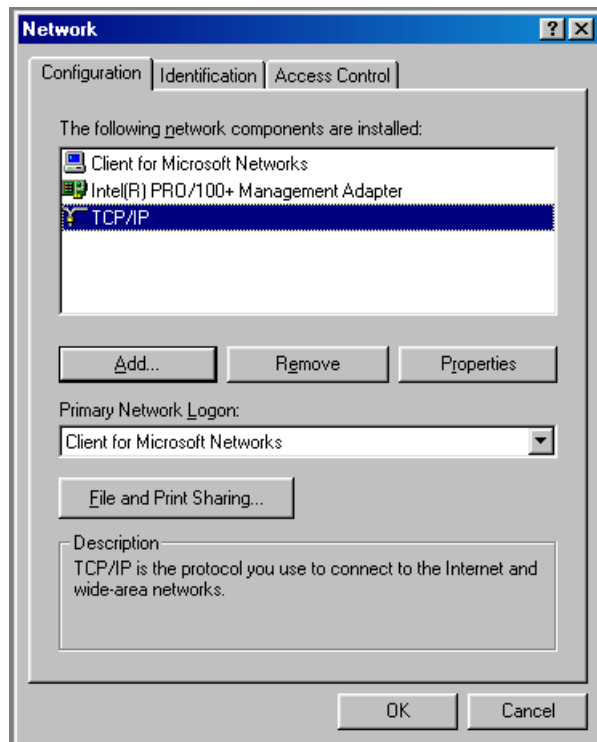
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Changing the SIA-3000 IP Address

- Click Tool on the VISI menu bar.

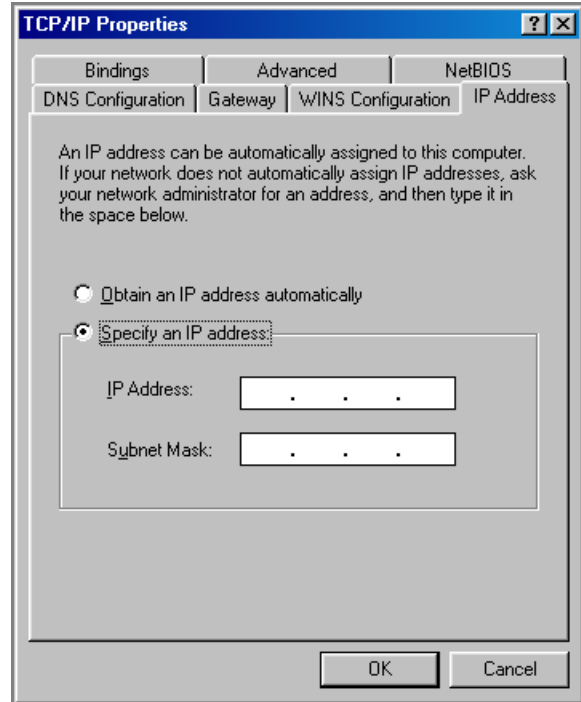- Point to Network and then select Properties.

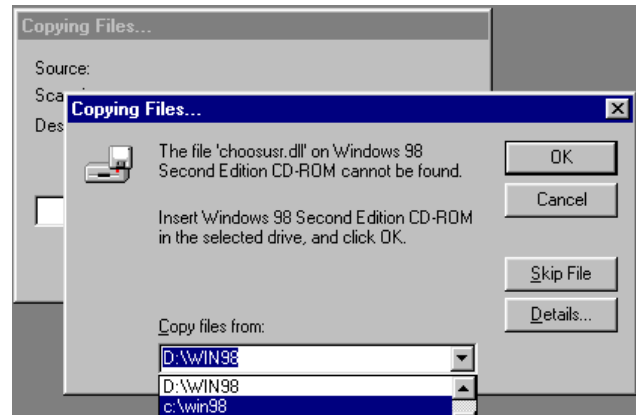- Select TCP/IP and select Properties

Network Properties Dialog Window

- Select Specify an IP address

- Enter the IP Address and Subnet Mask

- Modify any other network settings by selecting the appropriate tab.

- Select OK when finished to close the TCP/IP Properties Window.

TCP/IP Properties Dialog Window

- Click OK if prompted for the Windows 98 CD

- Select C:\Win98 from the Copy files from drop down box.

- Click OK
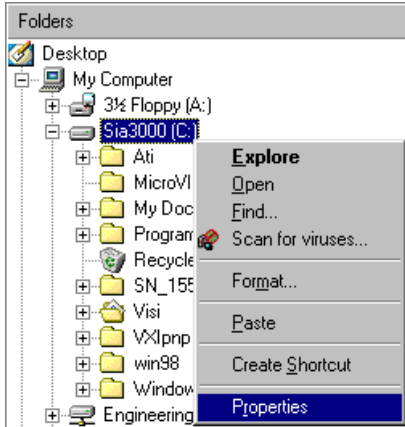
- Click Yes to restart the system.

Performing Scandisk and Defragmentation of SIA-3000 local disk

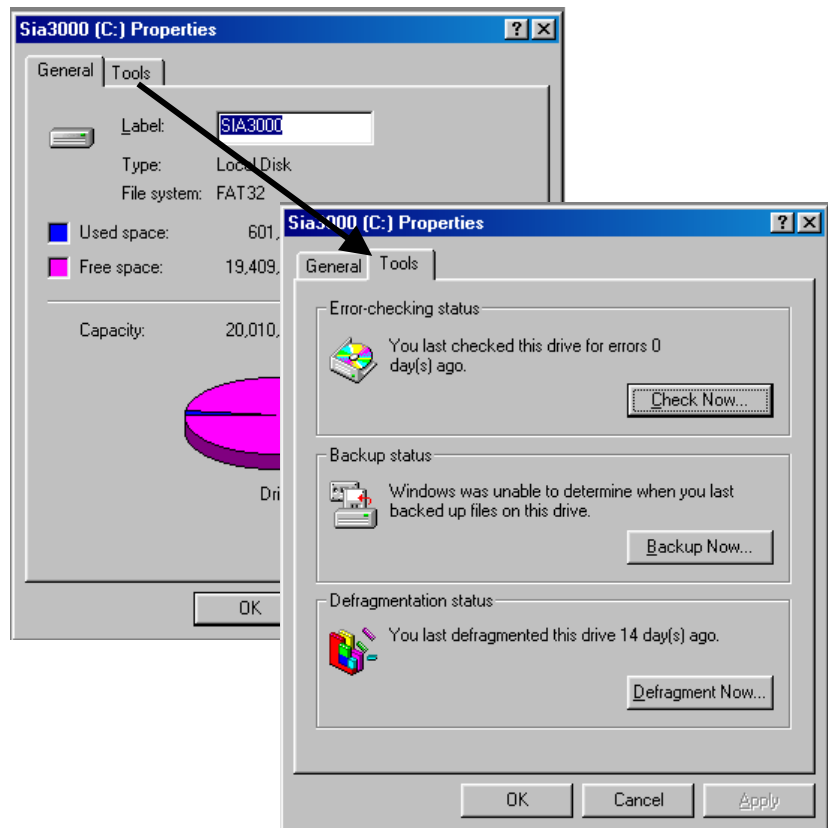- Select the Explorer tool on the VISI menu bar

- Right click on the Sia3000 drive and select properties
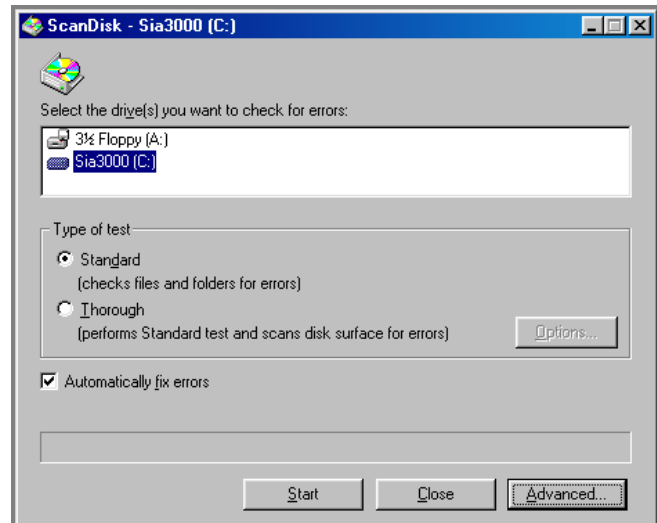

- Select the Tools tab

  Error-Checking status will be performed first. Defragmentation will be then be performed. Follow directions on the following page.
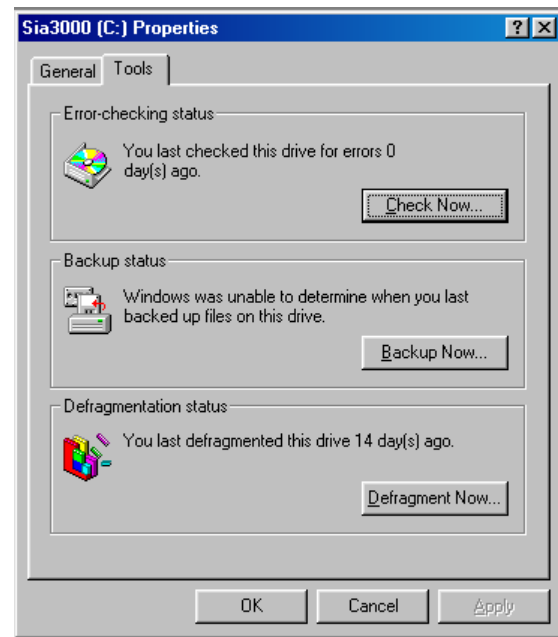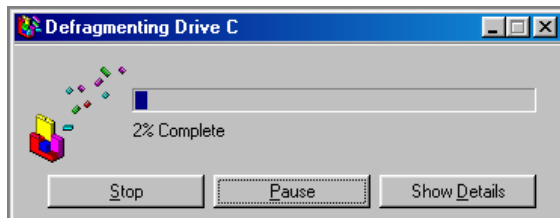

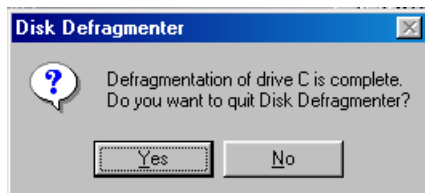**Local Drive Properties Dialog Window**

- Use the Error-checking status tool first

- Select "Check Now…"

- For Type of test select Standard

- Also check the "Automatically fix errors" check box

- Select Start to perform the Scandisk

- Close the Scandisk Results window when complete

- Close the Scandisk tool when complete to return to the Tools window

- Next use the Defragmentation status tool

- Select "Defragment Now…"

- The Defrag Dialog Window will appear and show status of the defragmentation.

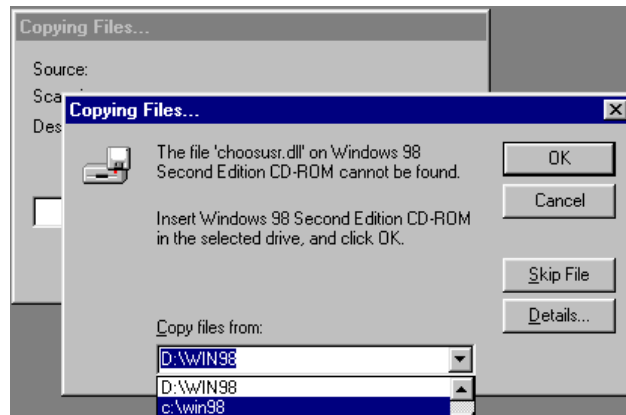- When the process is complete, select Yes to exit Disk Defragmenter

- Select OK to exit the Tools window

The local disk has now been defragmented and scanned for errors.

Connecting an External Monitor to the SIA-3000

- Power down the SIA-3000

- Connect the external VGA monitor to the VGA port on the back of the SIA-3000

- Power up the monitor before power up of the SIA-3000

- Power up the SIA-3000 after power up of the monitor

- The monitor will now operate

- *If the system requires a new monitor driver, select the files from the c:\win98 directory (see procedure below)

- Select 'Next' to verify the installation procedure.

- Select 'Search for the best driver for your device.'

- Specify a location: c:\win98

- Windows will detect the driver

- Select 'Next' to install the driver

- Select 'Finish'

For more information contact:

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