Installation Guide

Language

Digital Proof Controller (DPC)

DRAFT

399Z3R271A

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4743091	5291273	5459505	5625766	5854883	6014471	6159659
4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
5111308	5331439	5508828	5691823	5894342	6063528	6186068
5113249	5333064	5509561	5691828	5900981	6063546	6189452
5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
5132723	5355446	5526143	5699740	5946426	6096461	6208369
5150225	5359451	5532728	5708736	5947028	6098544	6252522
5153769	5359458	5561691	5713287	5958647	6107011	6260482
5155782	5367360	5568595	5739819	5966504	6112663	
5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
5208888	5384899	5592309	5771794	5986819	6130702	
5247174	5412491	5594556	5785309	5995475	6134393	

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1 Hardware Installation

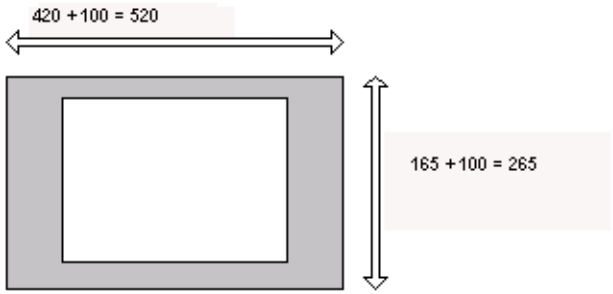
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1.1 Site Preparation and Requirements

1.1.1 Site Planning

The following points should be considered when planning the placement of the system:

- Connectivity of DPC to Ethernet network
- Working environment of personnel who use the system
- Sufficient space for maintaining and servicing the devices
- Physical security requirements
- Heat output of devices
- Operating temperature requirements of the devices
- Humidity requirements of devices
- Air flow requirements
- Air quality of location (no excessive dust, and so on)
- Altitude limitations
- Noise emission levels of devices
- Vibration of equipment near where devices are situated
- Power cord paths.



Desktop footprint

1.2 Unpacking

The first stage in the installation procedure is to unpack your DPC, and position it in the workplace assigned for it. This section describes how you:

- Unpack the DPC
- Check the accessories
- Position the DPC.

Before Unpacking:

- At outside temperatures under -10°C, the DPC package must be transported in a closed truck under a controlled temperature.
- If there are any signs of ice on the machine, do not touch any of the mechanical parts. Wait at least 24 hours (preferably 48 hours) for the DPC to gradually reach room temperature.
- Do not unpack the DPC in extreme heat or cold (that is, above 30°C or below ±0°C).
- Check that the shipping packing is undamaged. Pay attention to the Shockwatch device fixed to the outside of the package. It reacts to impact by changing from clear to red.



Note: Do not proceed with the installation if the package is damaged in any way. Contact your service center.

- Place the shipping package as close as possible to its final location. Before unpacking and installing the DPC, make sure the unpacking site is large enough to allow easy maneuvering.

1.2.1 Unpacking Procedure



Note: Retain all packing materials in case you need to move the DPC in the future.

To unpack:

1. Cut the plastic holding straps carefully.
2. Open the carton top.
3. Remove the accessory packages.
4. Remove the upper cover protectors from the DPC.

5. Open the carton top, lift up the carton carefully over the DPC and lift out the DPC.
6. Carefully move the DPC and place it as close as possible to its final location.
7. Remove all the other accessory items from their packages.

1.3 Hardware Installation

This section describes the DPC hardware components and how to install them and contains the following subsections:

- Introduction
- Assembly of Components
- Components Diagrams
- Installing the DPC Hardware.

1.3.1 Introduction

This installation guide covers the following DPC model:

43P-150 (also referred to as the **Tiger II**), clock speed 250 Mhz.

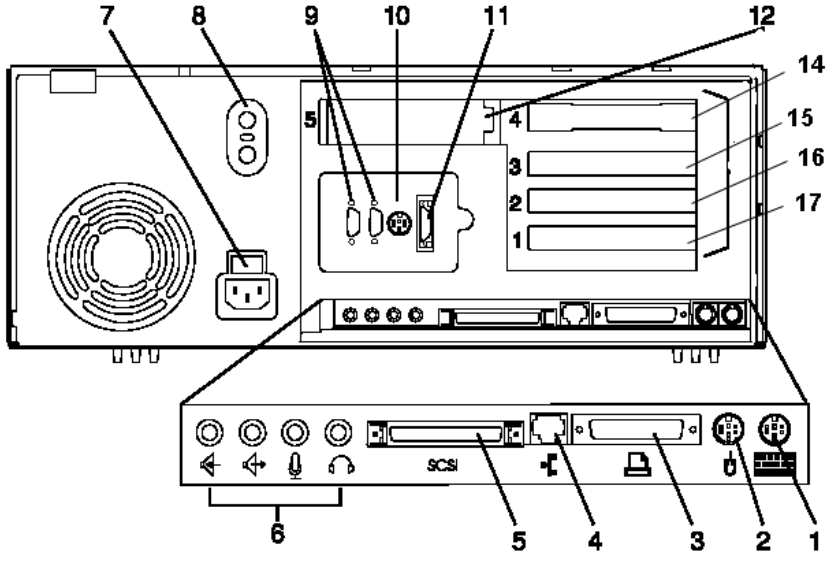
1.3.2 Assembly of Components

To assemble the components of your DPC, refer to the following publications that are supplied with your unit:

- RS/6000 43/14, 43/15 User's Guide
- RS/6000 7043 43P Series Service Guide.

1.3.3 Component Diagrams

The following diagram shows the location of each of the DPC rear components:



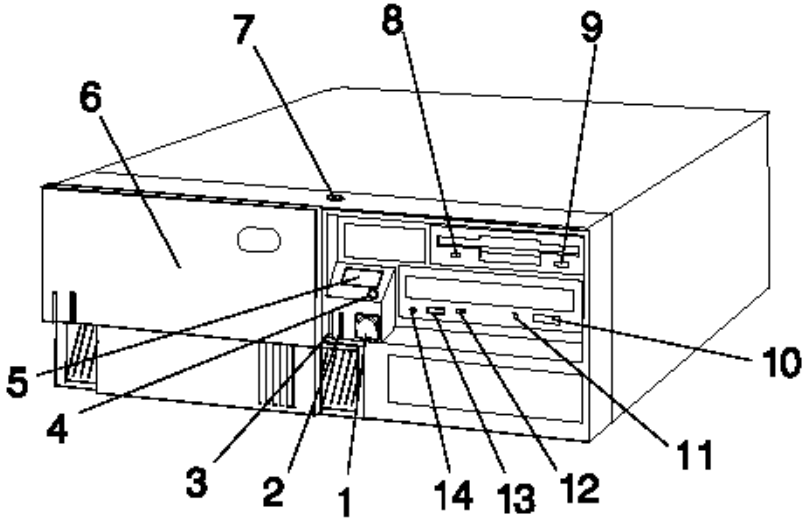
DPC Rear Components

The following table contains a description of each of the DPC rear components (see *DPC Rear Components* on page 6).

#	Component	Description
[1]	**Keyboard Connector**	For keyboard connection.
[2]	**Mouse Connector**	For mouse connection.
[3]	**Parallel Connector**	For connecting a parallel printer or other parallel devices.
[4]	**Ethernet Port**	For Ethernet communication.
[5]	**On-Board SCSI Connector**	Do not use this port, as it is only for internal devices (not for external devices).

#	Component	Description
[6]	**Audio Connectors**	For the following connections: • Headphone • Microphone • Audio line out • Audio line in.
[7]	**Voltage Selection Switch**	Select either the 115V or the 230V setting.
[8]	**Security Tether Attachment**	Attachment point for a security tether.
[9]	**9-Pin Serial Port**	For a TTY terminal, modem, or other serial devices.
[10]	**Tablet Port**	For attaching a digitizing tablet to your computer.
[11]	**10Base5 Ethernet Port**	Do not use this port.
[12]	**SCSI U-F&W Board (PCI Slot #5)**	For external SCSI devices.
[17]	**SVGA Board (PCI Slot #1)**	For attaching the monitor.

The following diagram shows the location of each of the DPC front components:



DPC Front Components

The following table contains a description of each of the DPC front components.

#	Component	Description
[1]	**Power Switch**	Turns the computer power on or off.
[2]	**Power On Light**	Lights up to indicate when the computer is on.
[3]	**Hard Disk Drive**	Lights up to indicate when the computer is reading from or writing to the hard disk.
[4]	**Reset Button**	Its function depends upon the operating system installed.

#	Component	Description
[5]	**Operator Panel Display**	Its function depends upon the operating system installed. It displays the current status of the system unit startup or diagnostic information in the event of a hardware problem.
[6]	**Media Bay Cover**	Covers the diskette and CD-ROM drives when they are not in use.  **Note:** This is a sliding door that should be closed while the CD-ROM is not in use to enable proper airflow.
[7]	**Cover Lock**	A security feature which prevents the cover from being removed and locks the media bay cover in the closed position.
[8]	**Diskette Drive In-Use Light**	Lights up to indicate when the computer is reading from or writing to a diskette.
[9]	**Diskette Eject Button**	Releases the diskette from the diskette drive.
[10]	**CD-ROM Eject Button**	Releases the CD-ROM from the CD-ROM drive.
[11]	**CD-ROM Emergency Eject**	Ejects the CD-ROM from the drive if power is not available.
[12]	**CD-ROM Status Light**	Lights up to indicate when the CD-ROM is active.
[13]	**CD-ROM Volume Control**	Controls the volume for the CD-ROM headphone jack.
[14]	**CD-ROM Headphone Jack**	CD-ROM headphone connector.

1.3.4 Installing the DPC Hardware



Important: Do not connect any power cords before all the components have been connected to the DPC.

To install the DPC hardware:

1. Ensure that the power supply voltage switch on the PowerPC is set to the appropriate voltage (115V or 230V).
2. Connect the keyboard cable to the keyboard (6-pin miniature DIN) connector [1].
3. Connect the mouse cable to the mouse (6-pin miniature DIN) connector [2].
4. Connect the monitor cable to the PowerPC's S15 (15-pin) SVGA connector [17].
5. Connect the Ethernet network cable to the 10/100 BaseT Ethernet Port [4].
6. After connecting all interface cables, connect the power cables to the devices' power connectors, then to the electrical outlets. (The DPC, monitor, and modem each have separate power supplies).
   For information about powering up the DPC (after all hardware is connected), see *Powering Up the DPC* on page 13.

1.4 Installing Additional Hardware/Software

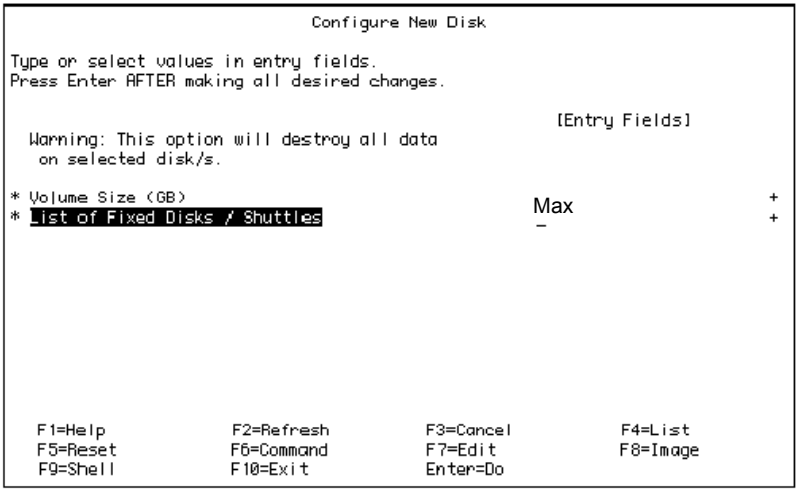
Note: Only devices supplied by Creo have their own installation and configuration documentation.
For devices not supplied by Creo, refer also to the documentation supplied by the manufacturer.

1.4.1 Configuring a New Hard Disk

This section describes how to configure a new hard disk after it has been installed.

To configure a new hard disk:

1. Logout from the Creo application, then login as **root**.
2. At the command prompt, type `scismit`, then press ENTER.
3. From the SciSMIT main menu, select **Devices -> Fixed Disks -> Configure New Disk**, then press ENTER. The Configure New Disk window appears.



4. Use the TAB key (or press F4) to select the Volume Size (2GB, 4GB, 8GB, 16GB, 32Gb, 64GB or Max) of the disk that you want to configure. The default is Max.
5. Select the List of **Fixed Disks/Shuttles**, then press F4 to display a list of new disks.

6. Select the disk that you want to configure, then press ENTER twice. The confirmation window appears.
7. Press ENTER to run the configuration. The Command Status window appears, displaying an OK status for a successful operation.
8. Press F10 to exit SciSMIT.

1.5 Powering Up the DPC

During the Power Up procedure, refer to *Component Diagrams* on page 6, for verification and information on the location of DPC components.

To power up the system:

1. Switch on the monitor (auto-adjusting voltage), and check the power LED on the front panel.
2. Switch on any other devices with their own power supplies.
3. Switch on any Proofers, Imagesetters and PlateSetters connected to the DPC.
4. On the DPC's front panel, press the Power switch ON. The system begins its normal start-up routine and is ready for initialization, configuration and setup.After being powered up the system goes through a series of initialization processes and self-tests. After a few minutes, a login screen appears.

```
AIX Version 4.3.3
(c) IBM 1999
Console login:
```

5. At the Console login, type `cdesci` and press ENTER twice to access the Creo application.

   Or, type `root <password>`, to access the station configuration (Smit, SciSMIT, and so on.)

1.6 Configuring the Date/Time

After powering up the DPC, you must configure the date and time, as described in *Chapter 3, Cold Start Installation*, *To configure the Date/Time:* on page 62.

1.7 Configuring the TCP/IP Network

Configuring the TCP/IP network, consists of the following procedures:

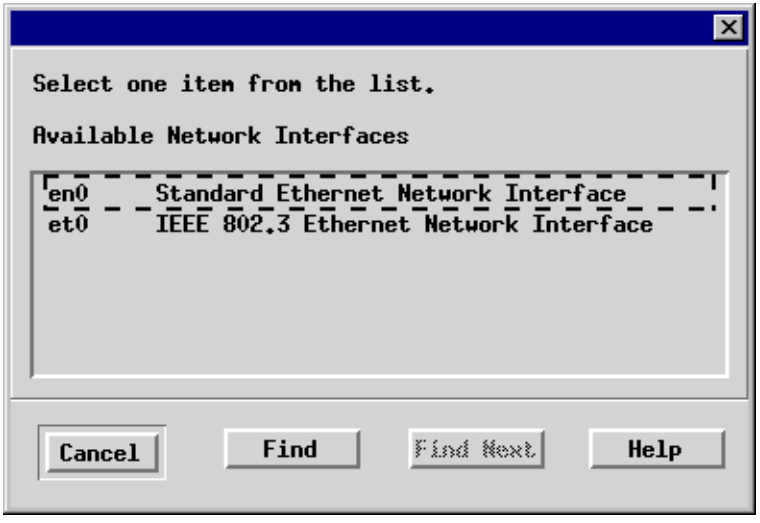
- Configuring TCP/IP for a Local Station
- Configuring TCP/IP for a Remote Station (Hosts Table).

1.7.1 Configuring TCP/IP for a Local Station

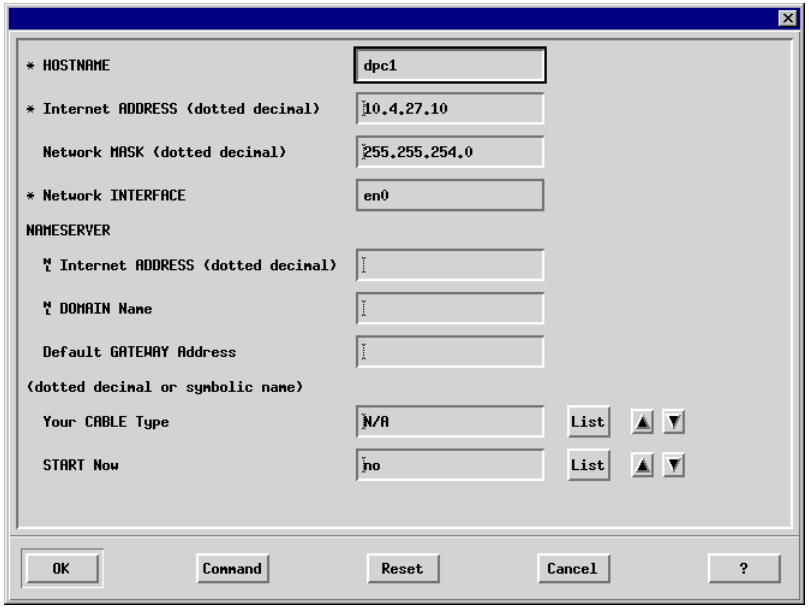
To configure TCP/IP for a local station:

1. At the command prompt, type `smit tcpip`, then press ENTER.
2. Select **Minimum Configuration and Startup** in the TCP/IP window, then press ENTER.

   The Available Network Interfaces window appears.



3. Select **en0**, then press ENTER. The Minimum Configuration & Startup window appears, displaying the setup parameters.



Note: For sites where a configured TCP/IP network already exists (with or without routers), the Site Network Administrator should provide the following network address parameters for each DPC interface:
Mandatory: IP Address and Network Mask
If Required: Default Gateway Address and DNS Address.
When you configure the DPC with a new IP address, remove the old IP address of the local DPC from the Hosts Table, as described in Removing a Host.
For more information about Creo IP address structures, refer to Appendix A, *Creo IP Address Structure Recommendations* on page 71

4. Set the configuration parameters, as follows:

HOSTNAME — The local hostname is set to the default name at the production line and is the same as the hostname noted in *Chapter 3, Cold Start Installation*, *Pre-Installation Checklist* on page 46.

Internet ADDRESS — Enter the Internet address of the local station.

Network MASK	An empty Network Mask box indicates that the default Network Mask is being used. The DPC default IP addresses belong to Class C, whose default address is 255.255.255.0.
Network INTERFACE	This box displays the interface being configured. For example, **en0**.
Your CABLE Type	This box is automatically sensed and displays `N/A` as the default. Toggle this option with the TAB key to select the site's cable type.
START Now	Toggle this option with the TAB key to change from **No** to **Yes**.

5. After the changes have been made, press ENTER. The Command Status window appears, displaying an OK status for a successful configuration.
6. Press F10 to exit SMIT.

1.7.2 Configuring TCP/IP for a Remote Station (Hosts Table)

Configuring TCP/IP for a remote station, consists of the following procedures:

- Accessing the Hosts Table
- Adding a Host
- Validating the Hostname List
- Removing a Host.



Note: To enable proper communication, you must add the hostname and IP address of all remote stations.

Accessing the Hosts Table

To access the Hosts Table:

➢ At the command prompt, type `smit hosts`, then press ENTER, to reach the Hosts Table window directly.

Adding a Host

To add a host:

1. From the Hosts Table window, select **Add a Host**, then press ENTER. The Add a HostName window appears.
2. Select the **Internet Address** box, then type the required IP Address (consult the System Administrator, if necessary).
3. Select the **Hostname** box, then type the name of the additional host.
4. Press ENTER. The Command Status window appears, displaying an OK status.
5. Press F3 to return to the Hosts Table window.
6. Select **List All Hosts**, then press ENTER, to verify that the new host was added.
7. Press F3 to return to the Hosts Table window.

Validating the Hostname List



Note: By default, the network Creo IP address is written to the hostname list (192.9.100.1).
If the IP address of your station (configured in the TCP/IP menu) is different than the Creo IP default address, then two listings for the same station will appear in the hostname list.
Remove any incorrect hostnames and IP addresses from the list, as described in Removing a Host in the section that follows.

To validate the hostname list:

1. From the Hosts Table window, select **List All Hosts**, then press ENTER.
2. Check that the list is valid. At least the first two entries should be included:

127.0.0.1	local host (Loopback)
Your Internet Address	Your Hostname
Remote Internet Address	Remote Hostname

3. Press F3 to return to the Hosts Table window.

Removing a Host

To remove a host:

1. From the Hosts Table window, select **Remove a Host**, then press ENTER. The Remove a Host window appears, displaying a highlighted **Hostname or Internet Address** box.
2. Press F4 to display the Hosts list.
3. Select the host that you want to delete, then press ENTER. The confirmation window appears.
4. Press ENTER to complete the operation.
5. Press F3 to return to the Hosts Table window.
6. Select **List All Hosts**, then press ENTER, to verify that the host was deleted from the list.
7. Press F10 to exit SMIT.

1.8 Verifying TCP/IP Installation

To verify TCP/IP installation:

- At the command prompt, type `ping <station name>`. You should receive a continuous reply with TCP/IP details.



Note: Try pinging the station itself (for example, ping DPC1) as well as any remote stations, if available.

1.9 MountPro Setup and Operation

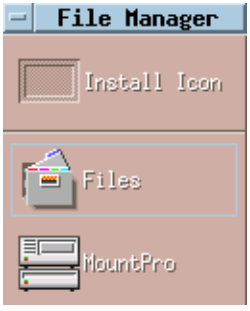
The Network File System (NFS) is a distributed file system that allows the UNIX host (or other NFS clients) to access files, directories and peripherals of another remote station (that supports an NFS DPC) as if they were local.

This procedure describes mounting NFS filesystems for remote users.

MountPro lets you mount a volume of another remote station (DPC or Server) so that you can access the files through the local file manager.

To start MountPro:

1. From the Launch Pad, click the arrow above the **Files** icon. The File Manager panel appears.



2. From the File Manager panel, double click the **MountPro** icon. The Devices & Remote Stations window appears.

1.9.1 Mounting a Remote Station

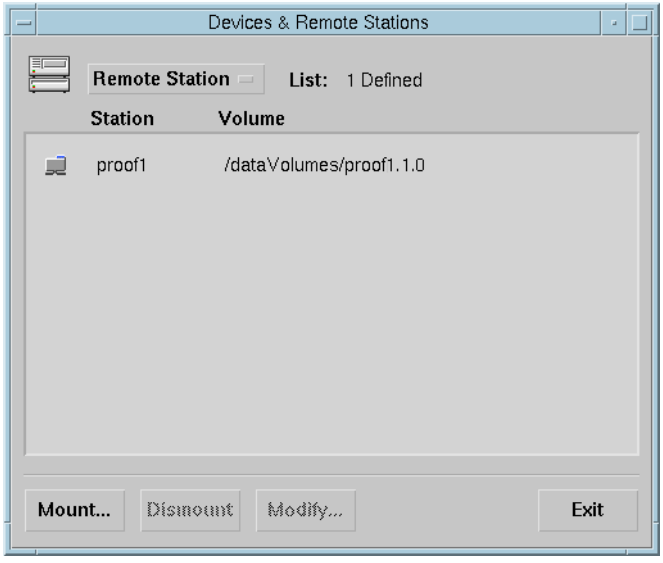
You can mount NFS data volumes, that is, regular data volumes, from any DPC or Server on the network.

If the network has the DNS server, there is no need to define the stations as Host as a prerequisite to mounting a remote station.

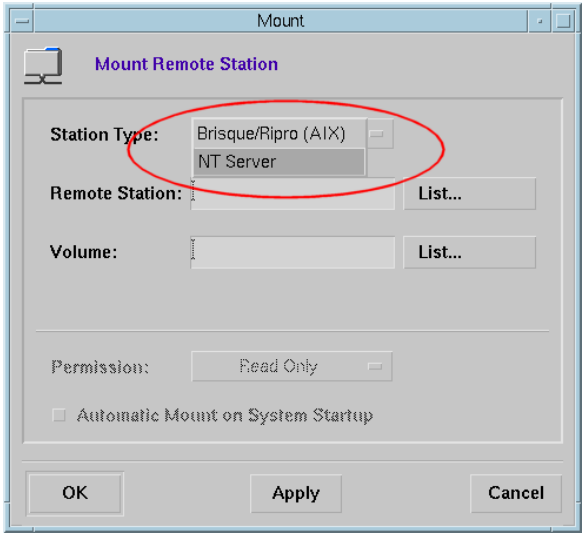
If you get the host unknown message, and you are sure you have typed the name correctly, then go into SMIT and define the remote DPC as Host.

To mount a remote station:

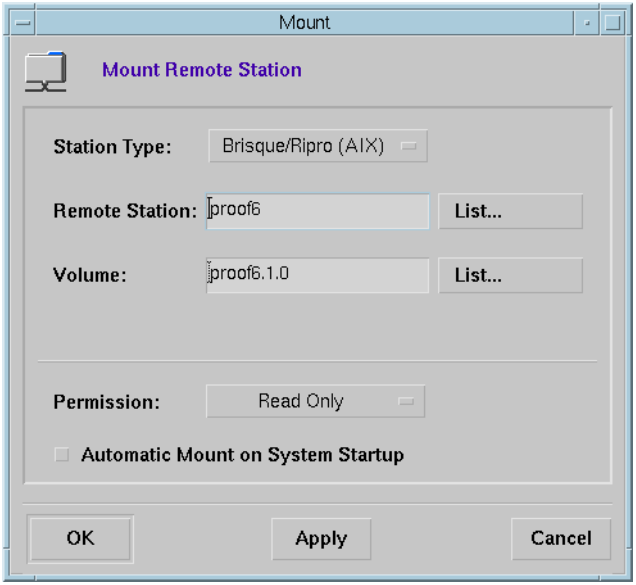
1. Activate MountPro. The Devices & Remote Stations window appears.
2. Click the menu button in the upper left corner of this window, and if it is not already selected, from the popup menu, select **Remote Station**. A list of mounted volumes appears.



3. From the Devices and Remote Stations window, click the **Mount** button. The Mount window appears.



4. In the **Remote Station** box, type the name of the remote station that you want to mount and press ENTER. The **Volume** and **Permission** boxes are activated.
   The Volume **List...** button displays all of the existing dataVolumes on the selected remote station, but not any volumes that are currently mounted on the volume that you are mounting.



5. If the remote station that you want to mount has been defined as a host via the SMIT application then alternatively, you can click List, to activate the Remote Stations list (which only displays stations that have been defined as host via the SMIT application), and from the list, select the volume that you want to mount. Only defined hosts appear here.
6. Click the **Volume** menu button, and from the popup list, select the volume on the selected Remote Station that you want to mount.
7. Click the **Permission** button, and select an option from the pop-up list.
8. Select **Read Only**, and the files from the mounted volume can be read from the local DPC, or copied to the local DPC.

Note: When you select **Read Only**, you can preview files from the mounted volume, and not perform any other operation (such as RIP, and so on) on these files unless you copy them from the mounted data volume to a data volume on the local DPC.

9. Select **Read/Write** to allow complete freedom to read from and write to the mounted volume.



Note: When you mount a volume with Read/Write capabilities, you can perform all operations on the files contained in the volume, and you also can write to the mounted volume.
If you work regularly with the selected volume and you want it to be automatically mounted every time you boot the DPC, select the **Automatic Mount on System Startup** option.

10. Click **OK**. You are returned to the Devices & Remote Stations window, where the selected volume appears in the list. Now you can access the files and folders of the mounted volume from the File Manager, and from Browsers on the local DPC.

To unmount a remote data volume:

1. Activate **MountPro**. The Device & Remote Stations window appears.
2. Click the **menu** button in the upper left corner of this window, and from the pop-up menu, select **Remote Station**.
3. From the Volume list, click the volume that you want to unmount. It appears highlighted.
4. Click **Dismount**. The selected volume disappears from the list. It's files and folders no longer appear in the File Manager.

1.9.2 Mounting NFS for Windows NT and Windows 2000 via MountPro

To mount NFS for Windows via MountPro:

1. Click **Mount**. The MountPro window is displayed.
2. From the Station Type menu, select **NT Server**.
3. In the **Remote Station** box, type the Win NT workstation's Name (as defined in the Hosts Table), then press ENTER.
4. To the right of the **Volume** box, click **List...** Use the browser to select a volume/drive on the Win NT workstation.
5. From the Permission menu, select **Read/Write**.
6. Click **OK** to return to the Devices & Remote Stations window. The Win NT workstation is mounted as a datavolume on the DPC.
7. Click **OK** to close MountPro.

1.10 TransferPro

TransferPro enables you to work on the DPC with files from PC or Macintosh formatted diskettes or from external SCSI media such as optical disks, shuttles, Mac or PC hard disk drives.

The TransferPro consists of the following procedures:

- Verifying TransferPro Installation
- Reinstalling the TransferPro License
- Verifying the TransferPro License.

Note: TransferPro and its license (password) are loaded at the factory and is also included in the Password Backup Diskette.

1.10.1 Verifying TransferPro Installation

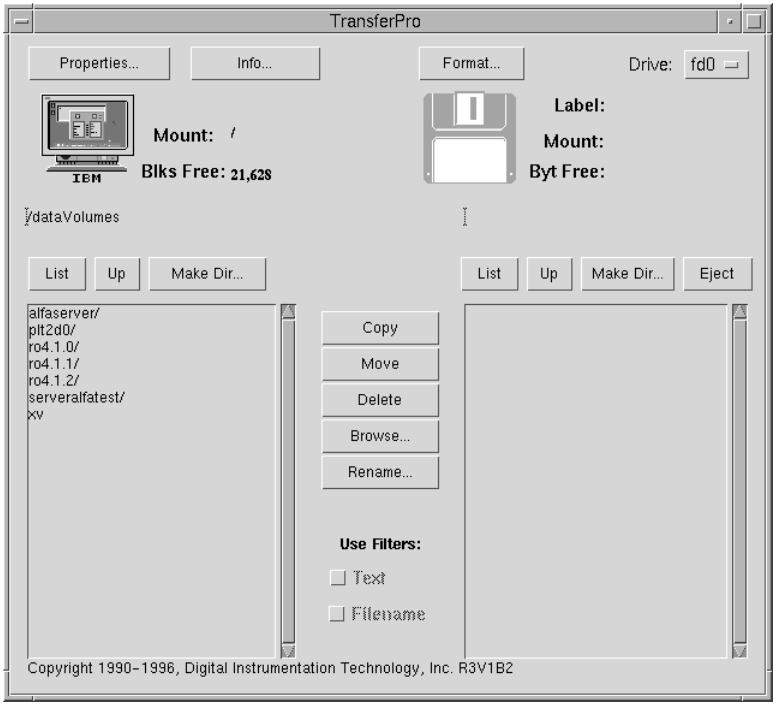
To verify TransferPro installation:

1. From the Launch Pad, open the File Manager subpanel. If TransferPro is installed correctly with the password, the following icon appears in the File Manager subpanel:



Note: If the TransPro icon does not appear, then it is not loaded properly.

2. Double-click the **TransferPro** icon to activate the application and open the TransferPro main window.





Important: If the cursor blinks but the application does not start, it indicates that a wrong password has been entered.

3. To access files on an external SCSI device, click the button next to the Drive option to display a popup list of SCSI devices, as follows:

Select	To access
fd0	DPC floppy disk drive
CD#	DPC CD-ROM drive
hdiskMO	Optical disk
hdisk#	Shuttle
HdiskRM#	Jaz



Note: If there is a SCSI ID conflict or other problem such as a faulty cable, faulty connections, or the cable is too long, the conflicting devices will not appear.

4. Select the SCSI device from which you want to work.

1.10.2 Reinstalling the TransferPro License

This installation procedure is intended for those instances where TransferPro needs to be reinstalled.

To reinstall the TransferPro license:

1. Log out from the DPC.
2. At the command prompt, type `cd /scitex/version/dit` and press ENTER.
3. Type `install_license` and press ENTER. The following window appears (the picture below is only an example):

```
install_license: Copyright (c) Digital Instrumentation Technology Inc. 1991-1996
Installing NODELOCK licensing
Please contact Digital Instrumentation Technology for a NODELOCK password
Fax your password request to DIT at: (505) 662-0897
This is your installation id DIT needs in order to
generate your password ->
UNAME_ID = c88a4c00
Do you already have a password ? [y/n]y
Please enter the password -->1234-5678-0987-6543-1234-5678-0987-6543-1234-5678-076
Licensing complete.
Run TransferPro to check if licensing was successful.
```

4. Type the UNAME_ID, then type `Y` and press ENTER. The following message appears.
   `Please enter the password-->`
5. Type your password and press ENTER. The following message appears.
   `Delete current license file? [y/n]`
6. Type `y` and press ENTER.

1.10.3 Verifying the TransferPro License

- Activate TransferPro, as described in *Verifying TransferPro Installation* on page 25. If the TransferPro main window opens, the license installation was successful.

1.11 Saving and Restoring Configuration Files

This section describes how to save and restore predefined configuration files (such as hot-folder setup, users and groups, and print spoolers, which are unique for each DPC) and contains the following procedures:

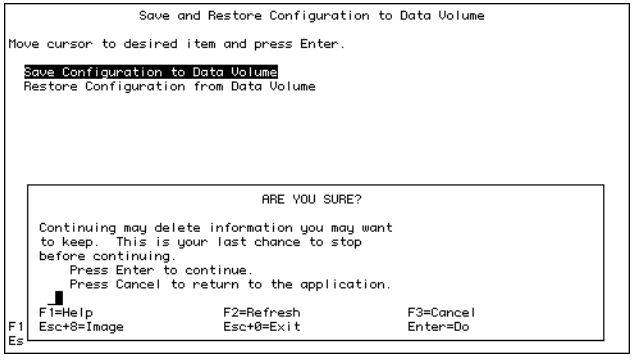
- Saving the Configuration Files to a DataVolume
- Restoring the Configuration Files from a DataVolume.

Note: It is recommended to save the configuration files frequently.

1.11.1 Saving the Configuration Files to a DataVolume

To save the configuration files to a dataVolume:

1. From the SciSMIT main menu, select **Backup and Restore -> Save and Restore Configuration to dataVolume**. The Save and Restore Configuration to Data Volume window appears.



2. Select **Save Configuration to Data Volume** and press ENTER. The confirmation window appears.
3. Press ENTER to complete the operation. The Command Status window appears, displaying the processes on the screen, then returning an **OK** status for a successful save operation.

Note: If a failed status is returned, scroll the screen to locate the reason for the failure. In most cases, it is due to a missing DIT password (TransferPro), missing APR path or missing license.

1.11.2 Restoring the Configuration Files from a DataVolume



Important: Restoring configuration files can only be performed for files of the same version in which the configuration was saved. For example, a saved configuration from Version 3.0 cannot be restored into Version 4.0

To restore the configuration files from a dataVolume:

1. From the SciSMIT main menu, select **Backup and Restore -> Save and Restore Configuration to dataVolume**.
   The Save and Restore Configuration to Data Volume window appears (shown in *Saving the Configuration Files to a DataVolume* on page 28).
2. Select **Restore Configuration** from Data Volume and press ENTER. The confirmation window appears.
3. Press ENTER to complete the operation. The Command Status window appears, displaying an OK status for a successful restore operation.

2

Connecting Output Devices to the 43P-150

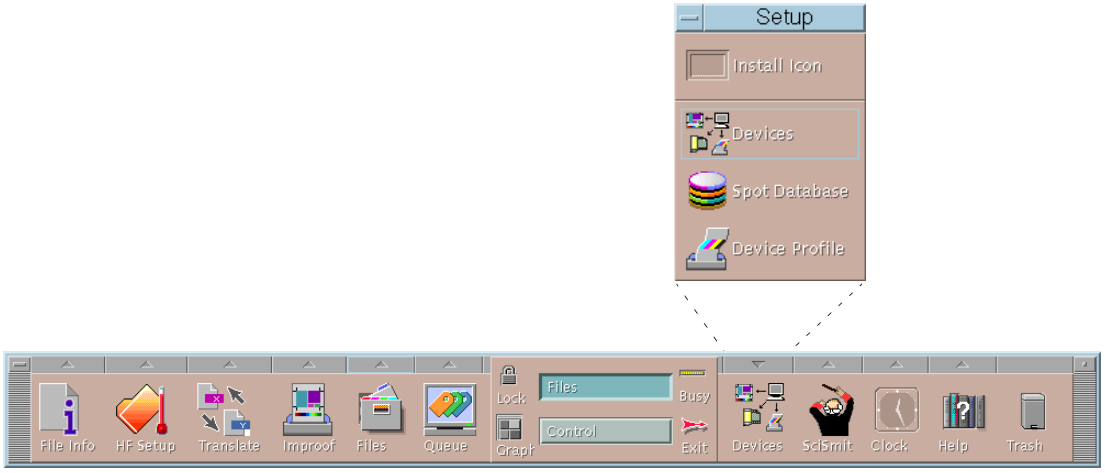
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2.1 Configuring Output Devices

Note: As of Brisque version 4, the Output devices configuration has changed. The new configuration procedure follows.

To configure Output Devices:

1. From the DPC Launch Pad, open the Setup panel.

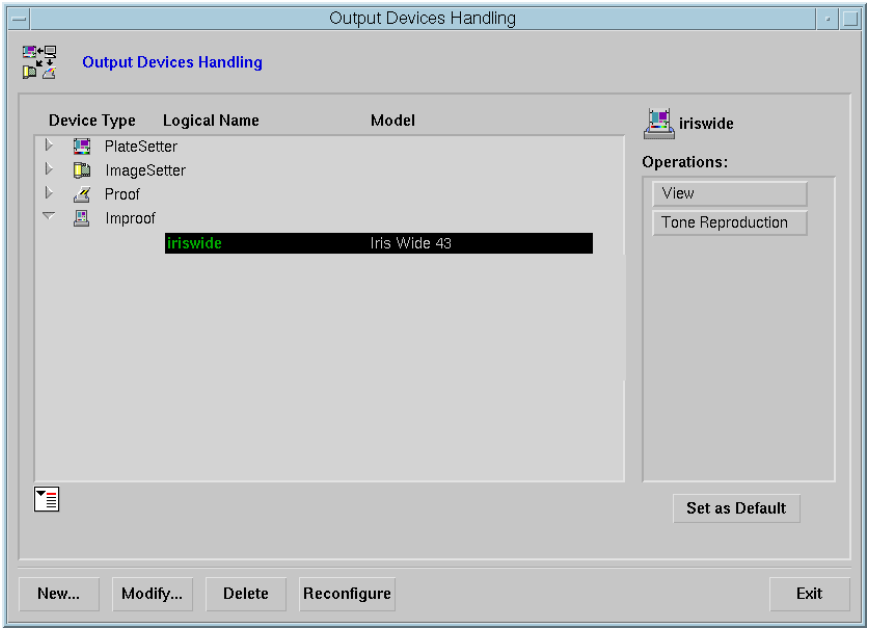


2. Double-click the **Devices** icon. The Output Devices Handling window appears.

2.1.1 The Output Devices Configuration Main Window

From the Output Devices Handling window all configurations of the output devices are performed. From here new devices are configured, currently configured devices modified or deleted and previously configured devices are re-configured periodically.

All the device groups, device families and device configuration connections are displayed in this window, as well as the various operations relevant to each of the connected configurations. The device specific operations and the general operations relevant to all output devices are accessed via the available operation buttons in the Operations area.



The Output Devices Handling Window

Device Area

The Device area allows the user to view all the possible devices to be configured in the DPC. The area is comprised of three columns:

Device Type - This area displays the Device Groups, such as Platesetter, Imagesetter, Proof, Improof and Half Tone Proof. Under each group the list of Device Families appear, such as Lotem and Trendsetter for the Plate Setter group, Lotem Spectrum, Trendsetter Spectrum and Kodak for the Half Tone Proof group, and so on.
Each level is locally expandable/collapsible, using the triangular button at the left bottom corner.

Logical Name - This column displays the name of a specific configuration connection. When highlighted, the relevant operations in the Operation area are enabled.

Model - This column displays the physical device name.

Expand/Collapse icon - Click to spread or contract the list of devices to show or hide all details.

New... - Click to open the New Device Wizard and start the process of configuring a new device.

Modify... - Click to modify parameters for an existing output device.

Delete - Click to delete an established configuration to an output device.

Reconfigure - Reestablishes the connection to the device. Click Reconfigure to re-engage the device (Online mode). A message is displayed confirming the connection or warning of the failure to connect. When a device is configured the data is read and registered in the DPC database. Disengaging the device, or failure of a component is not logged in the DPC, and there is no mechanism to warn of the device disconnection.



Note: It is recommended to reconfigure the device prior to every operation.

Operations area

Operations relating to the output devices are activated from here. The operations are enabled only when a particular configuration connection is selected. Some operations are connection-specific, some are applicable to all output devices.

Set as Default

Sets the default device, when several devices of the same type are configured. The default device appears in Green and it automatically appears in various windows when performing operations relevant to the device.

To change default device:

1. Select the device displayed in black.
2. Click **Set as Default**. The selected device is displayed in Green.

Exit

Exit the configuration window.

2.2 Connecting to an Iris43WIDE via the Network (TCP/IP)

This section describes how to connect an Iris43WIDE to the DPC via the network, which consists of the following procedures:

- Configuring the Iris43WIDE TCP/IP Parameters
- Configuring the Iris43WIDE on the DPC.

Before connecting an Iris43WIDE to the DPC via the network, ensure that the following requirements are met:

- TCP/IP is configured and running on the DPC
- TCP/IP is configured and running on the Iris43WIDE
- Software Version 4.x or higher.

2.2.1 Configuring the Iris43WIDE TCP/IP Parameters

Configuring the TCP/IP parameters on the front panel of the Iris43WIDE only requires entering the IP address of the device.

To configure the Iris43WIDE TCP/IP parameters:

1. Make sure the status of the device on the front panel is **Plot OK**, then press ENTER.
2. Press the MENU key until Network is displayed, then press ENTER. The last configured IP address is displayed.
3. Click **Value+/Value-** to set the first byte of the IP address, then press ENTER. The cursor moves to the next byte of the IP address.
4. Repeat step 3 to set the remaining bytes of the IP address.
5. Press ENTER again repeatedly until the Plot OK status is displayed.

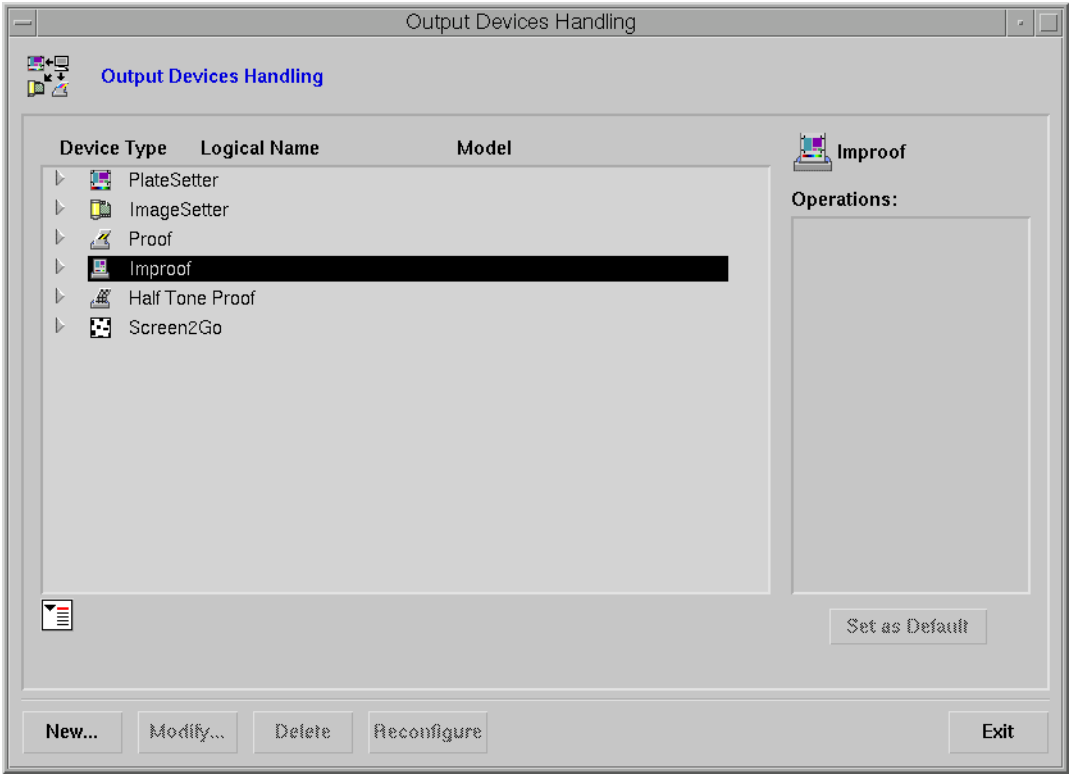
2.2.2 Configuring the Imposition Proofing Devices

Configuring Iris43WIDE Device from DPC

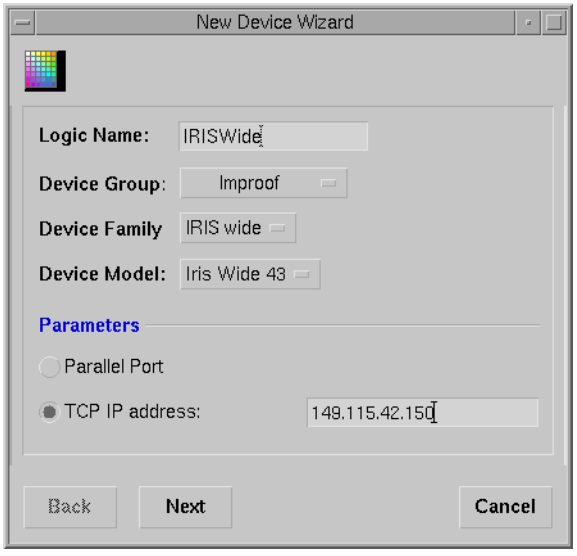
The DPC supports TCP/IP and Parallel connectivity to the DPC-supported Iris43WIDE output device. This section describes how to configure the Iris43WIDE connection from the Output Device Configuration on the DPC.

To activate the Output Device Configuration application on the DPC:

1. From the DPC Launch Pad, open the Setup panel, then double-click the **Devices** icon. The Output Devices Handling window is displayed.



2. Select **Improof** and click **New.** The New Device Wizard window is displayed.



3. Define the required parameters:

   a. In the **Logic Name** box, type a device name.

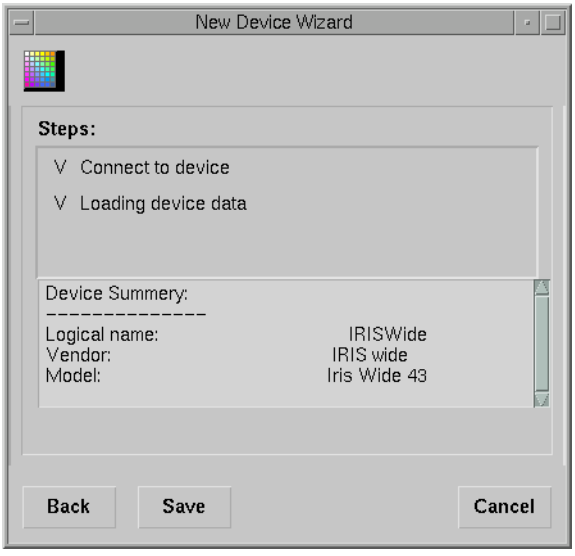
   b. The **Device Group** box displays `Improof`.

   c. In the **Device Family** box, select the device family (for example, **IRIS wide**).

   d. In the **Device Model** box, select the device model (for example, Iris Wide 43).

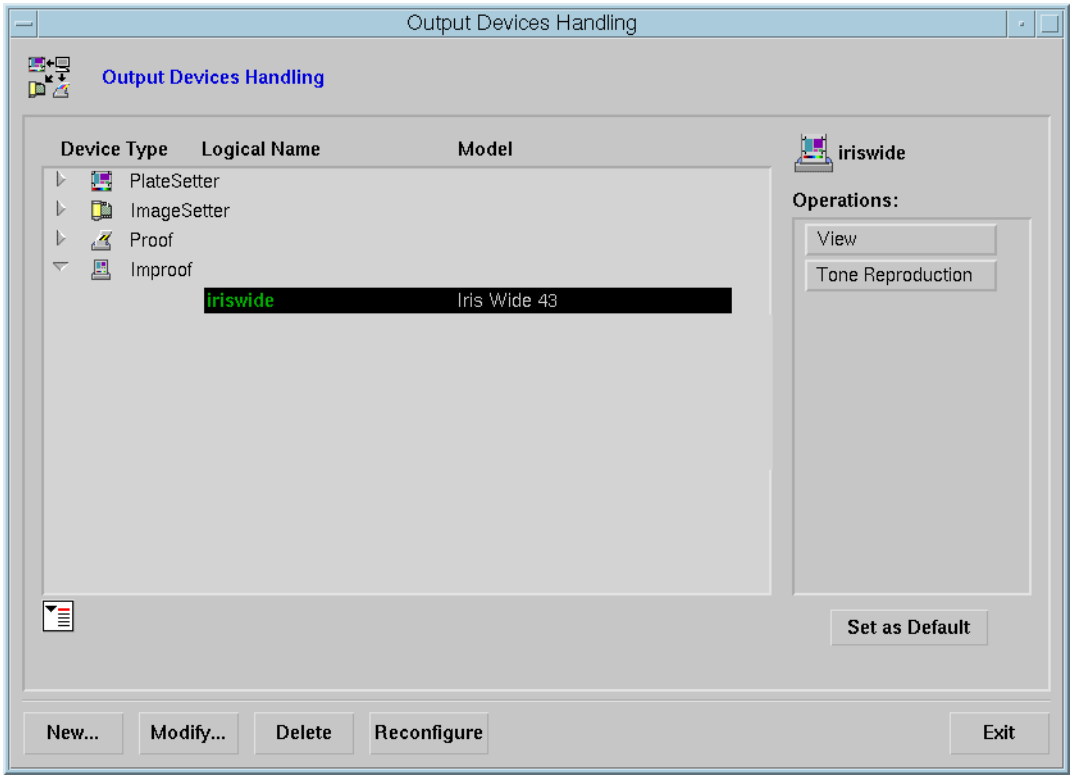
   e. Select the type of connection. If you use TCP/IP, type the TCP/IP address in the **TCP/IP address** box.

4. Click **Next**. The New Device Wizard window displays the device parameters.



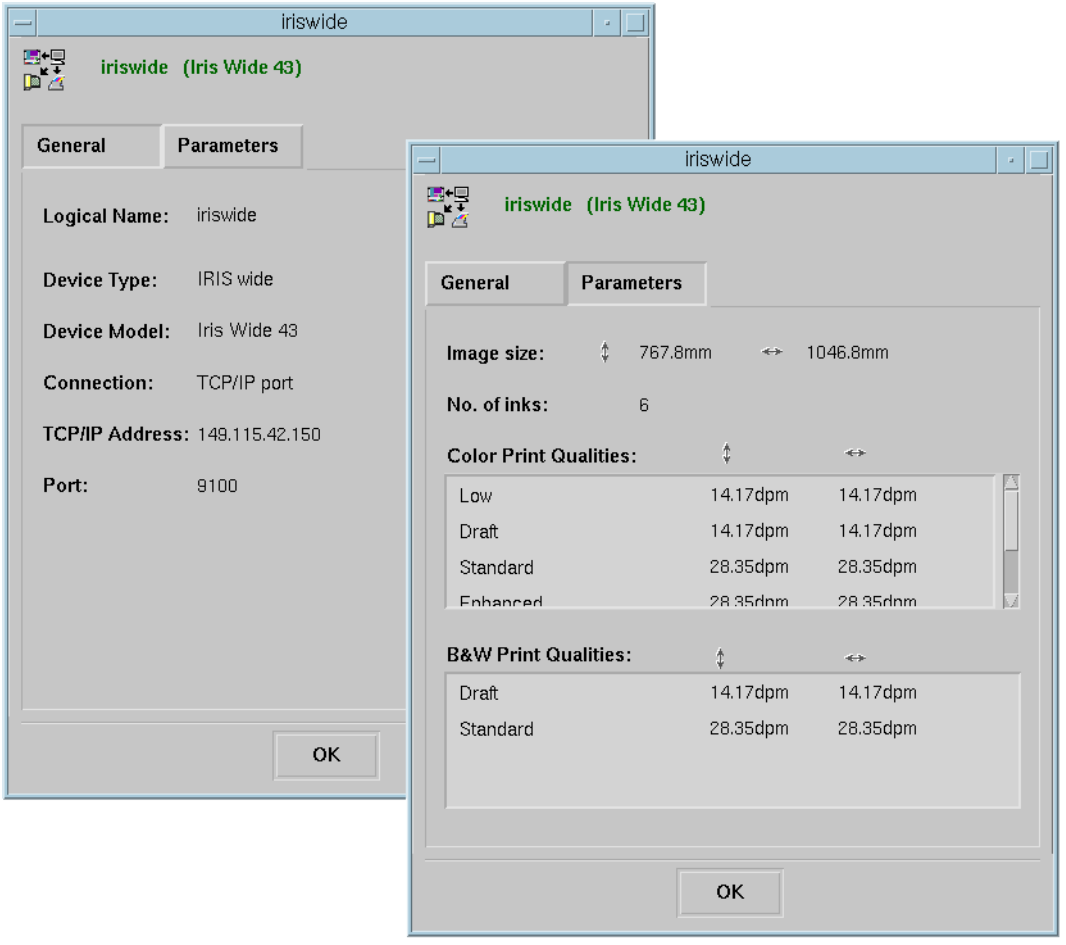
5. Click **Save** to start the configuration. After the configuration is complete, a successful configuration message is displayed.

6. To verify the configuration, click the arrow on the left side **Improof** icon. A new Iris43WIDE device is displayed in the list of Improofs.



7. Select the device that has been configured. The **View**, **Tone Reproduction** buttons appear in the **Operations** section.

8. Click **View** to display the general parameters of the Improof device.

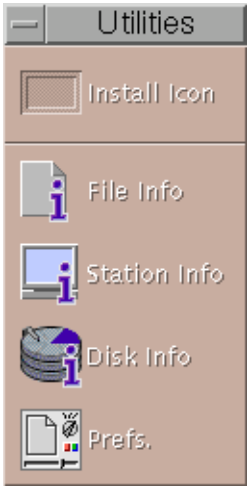


9. After completing the Iris43WIDE configuration, you must send a test file to your Iris43WIDE device to verify that configuration has been successful.

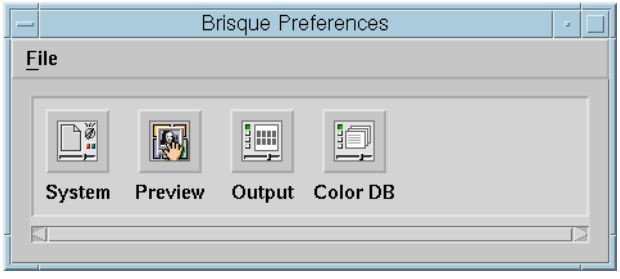
2.3 Configuring the Database

To configure the database:

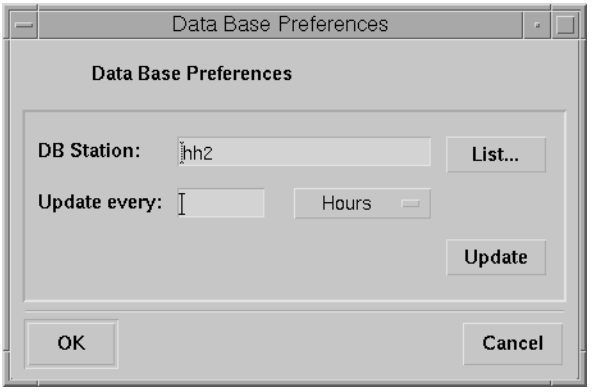
1. From the Launch Pad, click the **File Info** button, then click the **Prefs** icon.



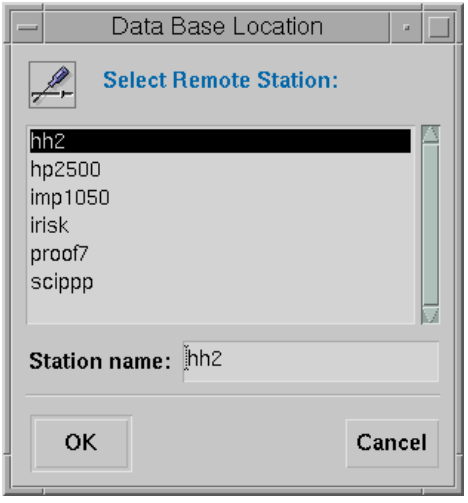
2. In the Creo Preferences window, click the **DB Locat.** icon.



The Database Preferences window now appears, displaying database configuration parameters.



3. (For first-time configuration) Click the **List** button to open the Data Base Location window.



4. Select the database location from the list of connected stations (Brisque or Mac) or type the location in the **Station name** box.

Note: It is recommended to establish the database on the DPC.

5. Click **OK** to complete the operation. The database is now active. For more detailed information, refer to Realist (FX) Proofing Zone for the Brisque, 399Z51048A.

3

Cold Start Installation

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3.1 Read Me First

The Cold Start installation procedures described in this chapter should be performed only for troubleshooting purposes or after replacing a system disk.



CAUTION: Performing a complete Cold Start installation will erase all configuration parameters - see sections *Saving the Configuration Files to a Data Volume* on page 46 and *Restoring Configuration Files from Data Volume* on page 58.

New DPC system is supplied with factory-installed DPC software, licenses, and passwords. In addition, a Password Backup Diskette and a sticker, which contains written passwords, are supplied with the system.

3.2 Preparing for Cold Start Installation

3.2.1 Updating a Password Backup Diskette

Make sure your Password Backup Diskette is up-to-date, otherwise you should update it.

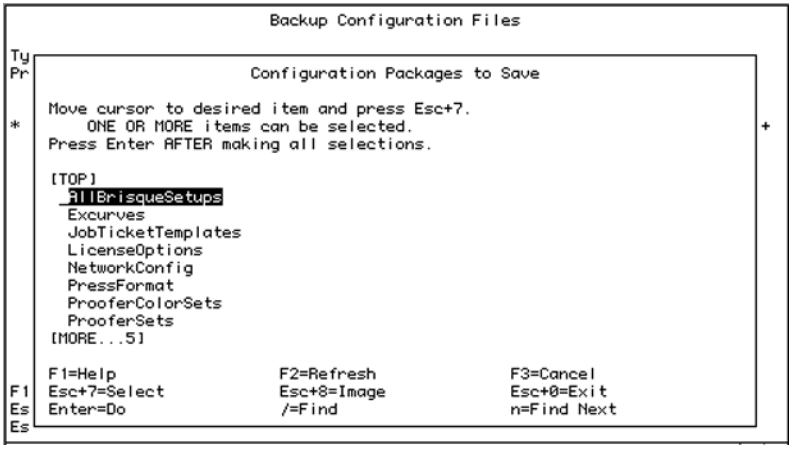
Note: This operation backs up the Creo passwords, the Helios activation key, the NatFX and TransferPro (DIT) licenses and must be performed whenever there is a licensing change.

To update/create a password backup diskette:

1. Logout from the Creo application and login as **root**.
2. Insert a new UNIX formatted diskette or the supplied Password Backup Diskette into the floppy drive.

   Note: Make sure that the diskette is write enabled.

3. At the command prompt, type `scismit`, then press ENTER.
4. From the **SciSmit** main menu, select **Backup and Restore -> Manual Backup and Restore -> Configuration Backup and Restore -> Save Configuration to Diskette**. The Back Up Configuration Package(s) to Save window appears.
5. Press F4. A list of options appears in the Configuration Packages to Save window.



6. Select **LicenseOptions** from the list, then press ENTER.
7. Press ENTER to start the operation. The Command Status window displays an **OK** status upon completion.
8. Select F10 to exit SciSmit.
9. Remove the diskette from the diskette drive.

3.2.2 Saving the Configuration Files to a Data Volume

To save the configuration files to a data volume:

1. At the command prompt, type `scismit`, then press ENTER.
2. From the **SciSmit** main menu, select **Backup and Restore -> Save and Restore Configuration to Data Volume -> Save Configuration to Data Volume**. The confirmation window appears.
3. Press ENTER to start the operation. The Command Status window displays an **OK** status upon completion.



Note: If a failed status is returned, you can scroll through the screen to locate the reason for the failure. In most cases, it is due to a missing DIT password (TransferPro), missing APR path, or missing license. In any case, the configuration is completely saved and can be restored.

4. Select F10 to exit SciSmit.

3.2.3 Pre-Installation Checklist

Before commencing the Cold Start installation, ensure that you have the following items:

Before commencing the Cold Start installation, ensure that you have the following items:

- Creo DPC Distribution Media, Installation Diskette
- Creo DPC Distribution Media, AIX 4.3.3 Base Operating System CD
- Creo DPC Distribution Media, AIX Add-On CD
- Creo DPC Distribution Media, DPC Product CD (1 of 2)
- Creo DPC Distribution Media, DPC Product CD (2 of 2).

In addition, the following DPC station settings should be written down for easy reference during the installation procedure:

- Hostname
- TCP/IP Settings.

To note the Hostname and the TCP/IP settings:

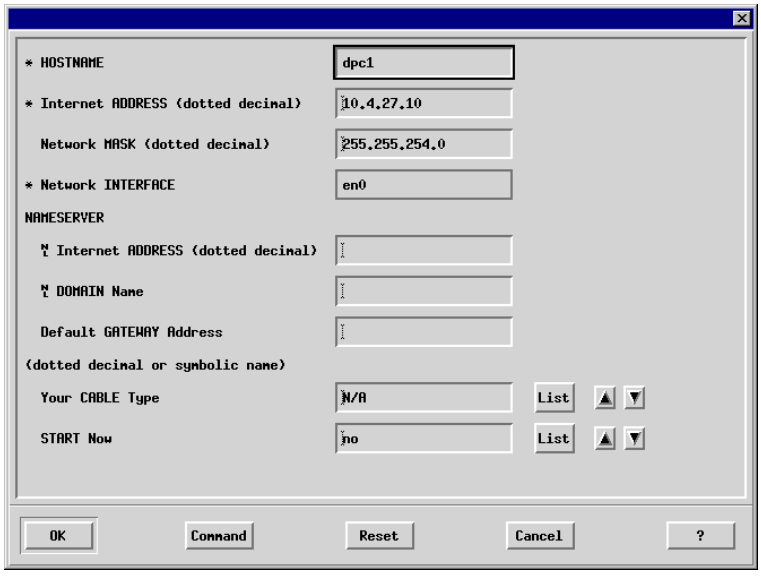
1. At the command prompt, type `smit tcpip`, then press ENTER. The TCP/IP window appears.
2. Select the Minimum Configuration & Startup option. The Available Network Interfaces window appears.



Select the appropriate interface, as follows:

Brisque 43P-150 en 0

The Minimum Configuration & Startup window appears.



3. Write down the following settings:
   - Hostname
   - Internet ADDRESS
   - Network MASK
   - NAMESERVER

     Internet ADDRESS

     DOMAIN Name
   - Default GATEWAY address
4. Press F10 to exit SMIT.

3.3 Cold Start Installation

The DPC Cold Start installation procedure includes the following steps:

- Installing AIX
- Installing AIX Add-On software
- Installing DPC software.

3.3.1 Installing AIX

To install AIX:

1. Shut down the DPC and power off all peripheral devices.
2. Insert the FD#1 Installation Diskette into the floppy drive.



Important: Do not remove diskette until the end of the Cold Start procedure. Before powering up the DPC, read carefully steps 4 and 5. Then proceed to step 3.

3. Power up the DPC. The DPC Power On LED lights up.
4. Insert the CD#1 AIX 4.3.3 Base Operating System CD into the CD-ROM drive. The DPC initiates POST (Power On Self Test) and the progress codes are displayed on the panel LCD. During the POST, the following five initialization indicators appear as icons across the bottom of the display: Keyboard, Diskette, Memory Module, SCSI and Disk Boot.



Note: The next step must be performed before the last indicator appears, otherwise you will have to power off and power on the DPC.

5. To start the boot from the CD-ROM:
   For the 6F1 platform, press 5.
   For all other platforms, press F5.



Note: Remember to leave the front door **open** since the CD-ROM drive opens automatically after the reboot.

6. After about two minutes, installation begins and the following message appears on your console.

```
********Please define the System Console********

Type the F1 key and press Enter to use this display
as the system console
```

7. Press F1, then press ENTER. The following message now appears on the screen

8. At the **Choice** prompt, press ENTER to confirm the default selection **1**. This ensures that English will be used during the installation. The Installation and Maintenance window appears.

```
Welcome to Base Operating System
Installation and Maintenance
Type the number of your choice and press Enter
Choice is indicated by >>>

1.  Start Installation now with Default Settings
2.  Change/Show Installation Settings and Install
3.  Start Maintenance mode for system Recovery

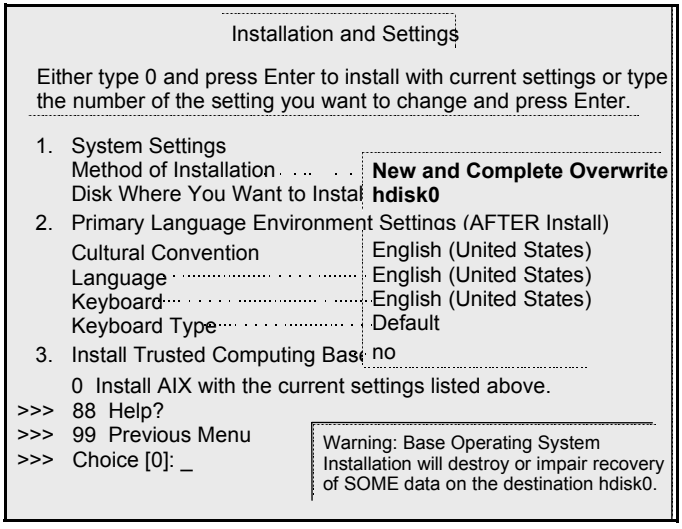

88  Help?
99  Previous menu
Choice:[1]
```

9. Type 2, then press ENTER to open the Installation and Settings window, which displays the default installation settings for the system.

10. Type 1, then press ENTER to open the Change Method of Installation window.

11. Type 1, then press ENTER to select New and Complete Overwrite and to open the Change Disk(s) Where You Want to Install window.

12. Make sure the **hdisk0** is the only option that can be selected (>>> 1. hdisk0...), then press ENTER. The Installation and Settings window appears, displaying the method of installation as New and Complete Overwrite and the disk where you want to install as a hdisk0.



13. Press ENTER to begin the installation with the current settings.

    This process takes approximately 25 minutes to complete. During this time, a progress indicator appears on the screen, and lists of the installed LPPs are scrolled across the screen. Upon completion, the system reboots, and the PowerPC Startup screen appears again, displaying the object indicators and the following message.

```
Starting Software... Please wait
```



Note: After the BOS (Base Operating System) is installed, the CD#1 is automatically ejected.
If the floppy disk #1: Installation Diskette is not in the diskette drive or is damaged, or if the diskette drive is damaged, the CD#1: AIX 4.3.3 Base Operating System CD will not be automatically ejected.
This indicates that, due to a failure relating to the diskette CD#1 (and/or drive), AIX has not been completely installed.
Before proceeding make sure that the floppy disk #1: Installation Diskette is inserted into the diskette drive and verify that the diskette drive is not malfunctioning and/or that the diskette is not defective.
If you experience problems, contact your local service center.

The following message appears on the screen:

```
************************************************

AIX BOS (Base Operating System) is installed.
Please remove 'AIX BOS' CD
Please insert 'AIX ADD-ON' CD and press Enter to
continue...

************************************************
```

14. Proceed with AIX Add-On installation described in the next section.

3.3.2 Installing AIX Add-On Software

To install AIX Add-on software:

1. Insert the CD#2 AIX Add-On CD into the CD-ROM drive and press ENTER and answer the questions that appear on the screen:

```
Product Type
1) Brisque
2) BrisqueServe
Please choose the product type [ ] >>
```

2. Type 1. The following message appears.

```
Product Type: Brisque
Please confirm [y/n] >> [y]
```

3. Press ENTER. The following message appears.

```
Please enter the Station Name >>
```

4. Type your station (for example, DPC4). The following message appears.

```
Station Name: DPC4
Please confirm [y/n] >>[y]
```

5. Press ENTER. The following message appears.

```
Please wait...
Station Name: DPC4
Do you want to format All your data disks? [y/n]
>>[n]
```

6. Press ENTER. The following message appears.

```
Configure Data Disks: no
```



Note: Selecting **Yes** will erase all the data volumes and the configuration files.

The following message appears.

```
Current Date and Time
Time Zone:WET(CUT+2)Daylight Savings Time is not
used
Date:          September 13, 2000
Time:          10:24:56
Do you want to change them? [y/n] >> [n]
```

7. Press ENTER.

The following message appears.

```
Current Date and Time

Time Zone:WET(CUT+2)Daylight Savings Time is not
used
Date:          September 13, 2000
Time:          10:24:56

Do you want to change them? [y/n] >> [n]
```

8. Press ENTER. The following message appears.

```
Product Type: Brisque
Station Name: DPC4
Time Zone:WET(CUT+2)Daylight Savings Time is not
used
Date:          September 13, 2000
Time:          10:27:36
Configure Data Disks: no

Please confirm the above settings [y/n] >>
```

9. Type y. The following message appears:

```
Installation in Progress       Please wait...
```

The AIX Add-On installation takes up to 20 minutes to complete. During this time, lists of the installed LPPs appear on the screen.

Upon completion, the CD#2: AIX Add-On CD is automatically ejected and the following message appears on the screen:

```
************************************************

AIX Add-Ons CD is installed.
Please remove 'ADD-ON' CD.
Please insert DPC CD and press Enter to
continue...

************************************************
```

10. Remove the CD#1: AIX 4.3.3 Base Operating System CD.
11. Proceed with the DPC software installation as explained in the next section.

3.3.3 Installing the DPC Software

To install the DPC software:

1. Insert the DPC Product 1 - 4.0.97 (1 of 2) CD and press ENTER.



Note: This process takes approximately 25 minutes to complete. Remember to leave the front door open since the CD will automatically be ejected after the reboot.
Please be aware that during the process the screen will switch to a save mode. Press the space bar to refresh the screen.

When ready, the following message appears on the screen:

```
************************************************
Please insert "DPC Product 2" CD and press Enter to
continue...
************************************************
```

2. Remove the DPC Product 1 - 4.0.97 (1 of 2) CD from the drive and insert the DPC Product 2 - 4.0.97 (2 of 2) CD, then press ENTER.



Note: This process takes approximately 5 minutes to complete. Upon completion the system will reboot.

After reboot the Console login appears.

```
AIX Version 4
(c) Copyrights by IBM and others 1982, 1996
Console login:
```

3. Remove the DPC Product 1 - 4.0.97 (2 of 2) CD.
4. Eject the Installation Diskette. The DPC software is now loaded and ready for login or configuration.



Important: Load any required DPC software updates, according to your software version. Refer to the Creo TIC for more information about the required updates.

3.4 Configuring DPC with Saved Configuration

This section describes how to configure the DPC after performing a Cold Start installation without upgrading from an earlier version to a later version. The configuration procedure consists of the following steps:

- Restoring the configuration files from a data volume after a Cold Start installation
- Setting up the modem
- Setting the filesystem size
- Restoring the Fonts Library.



Important: You can restore configuration files from a data volume only if you have first saved the configuration files to a data volume, as described in *Saving the Configuration Files to a Data Volume* on page 46.

3.4.1 Restoring Configuration Files from Data Volume



Important: Do not perform this procedure if you performed a Cold Start installation from an earlier version to a later version.

To restore the configuration files from a data volume:

1. Login as **root**. The Networking S/W Products Installer & Setup window appears.

```
*  this release of the AIX Operating System.                                  *
*                                                                             *
*                                                                             *
*******************************************************************************
Last unsuccessful login: Mon Apr  7 23:17:49 USADT 1997 on /dev/pts/1 from dolem
Last login: Sun Jun 22 17:54:37 USADT 1997 on /dev/pts/0 from dolev8.stil.scitem

# cd /usr/local/es
# install.p

        Networking S/W Products Installer & Setup V2.2
        ----------------------------------------------

        1)      Easy Install (Date & TCP/IP & EtherShare)
        2)      TCP/IP Install & Setup
        3)      EtherShare Install & Setup
        4)      Start EtherShare
        5)      Stop EtherShare now
        6)      Display Zones
        7)      Display Network
        8)      Open AIX shell
        9)      Quit

* Option (1-9)  ? [1]
```

2. Type `9` then press ENTER to exit from the window.
3. At the command prompt, type `scismit`, then press ENTER.

4. From the SciSmit main menu, select **Backup and Restore -> Save and Restore Configuration to Data Volume -> Restore Configuration from Data Volume** and press ENTER.
5. Press F4 and select **ALL** DPC Setups, then press ENTER.
6. Press ENTER, then press ENTER again in response to the confirmation dialog box. The Command Status window appears, displaying an **OK** status for a successful restore operation.
7. Select F10 to exit SciSmit.

3.5 Configuring DPC After a Cold Start without the Saved Configuration

This section describes how to configure the DPC after a Cold Start installation, without restoring configuration from the data volumes. The configuration procedure consists of the following steps:

- Restoring passwords from the Password Backup Diskette
- Networking installation and setup using the Easy Install method.

3.5.1 Restoring Passwords from the Password Backup Diskette

To restore passwords from the Password Backup Diskette:

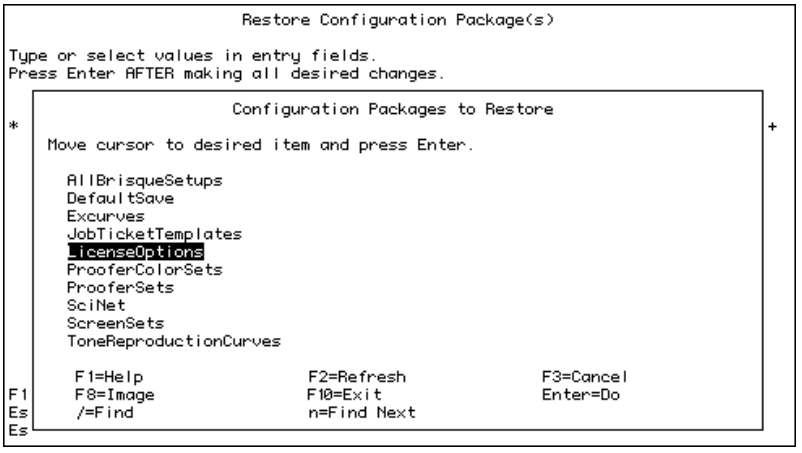
1. At the Console login, type `root` and your password (default `ripro`). The Networking S/W Products Installer & Setup window appears.
2. Type `9`, then press ENTER to exit from the window.
3. Insert the Password Backup Diskette into the diskette drive.



Note: This operation restores the Creo password, the Helios activation key, and the NatFX and TransferPro (DIT) licenses (passwords).
For all Cold Start operations or when configuring the DPC for the first time, the passwords must be restored (enabled).

4. At the command prompt, type `scismit` and press ENTER.
5. From the SciSmit main menu, select **Backup and Restore -> Manual Backup and Restore -> Configuration Backup and Restore -> Restore Configuration from Diskette** and press ENTER.

The Restore Configuration Package(s) window appears.



6. Select the **Configuration Package to Restore** option and press F4. A list of options appears in the Configuration Packages to Restore popup window.
7. Select **LicenseOptions** from the list and press ENTER. The confirmation window appears.
8. Press ENTER to complete the operation. The Command Status window appears, displaying an **OK** status for a successful restore operation.
9. Select F10 to exit SciSmit.
10. Remove the Password Backup Diskette from the diskette drive.

3.5.2 Networking Installation and Setup Using Easy Install

This section describes how to manually set up the network using the Easy Install method and contains the following procedures:

- Accessing the Installer Menu
- Configuring the Date/Time
- TCP/IP Installation and Setup
- EtherShare Installation and Setup
- Configuring TCP/IP for a Remote Station (Host Table)
- Verifying TCP/IP Installation.

To access the Installer Menu:

1. At the command prompt, type `cd /usr/local/es` and press ENTER.
2. Type `install.p` and press ENTER. The Networking S/W Products Installer & Setup window appears.

```
*  this release of the AIX Operating System.                                  *
*                                                                             *
*                                                                             *
*******************************************************************************
Last unsuccessful login: Mon Apr  7 23:17:49 USADT 1997 on /dev/pts/1 from dolem
Last login: Sun Jun 22 17:54:37 USADT 1997 on /dev/pts/0 from dolev8.stil.scitem

# cd /usr/local/es
# install.p

        Networking S/W Products Installer & Setup V2.2
        ----------------------------------------------

        1)      Easy Install (Date & TCP/IP & EtherShare)
        2)      TCP/IP Install & Setup
        3)      EtherShare Install & Setup
        4)      Start EtherShare
        5)      Stop EtherShare now
        6)      Display Zones
        7)      Display Network
        8)      Open AIX shell
        9)      Quit

* Option (1-9)  ? [1]
```

To configure the Date/Time:

1. Access the **Installer** menu, (as described earlier).
2. Type `1` to select the **Easy Install** (Date & TCP/IP & EtherShare) option and press ENTER.
3. At the **Current Date/Time** option, type `y` and press ENTER. The Use Daylight Savings Time? window appears.

```
* Option (1-9)  ? [1] 1

Current Date/Time:  Mon Jun 23 08:40:12 USADT 1997

* Do you want to change Date/Time (y/n)  ? [y] y

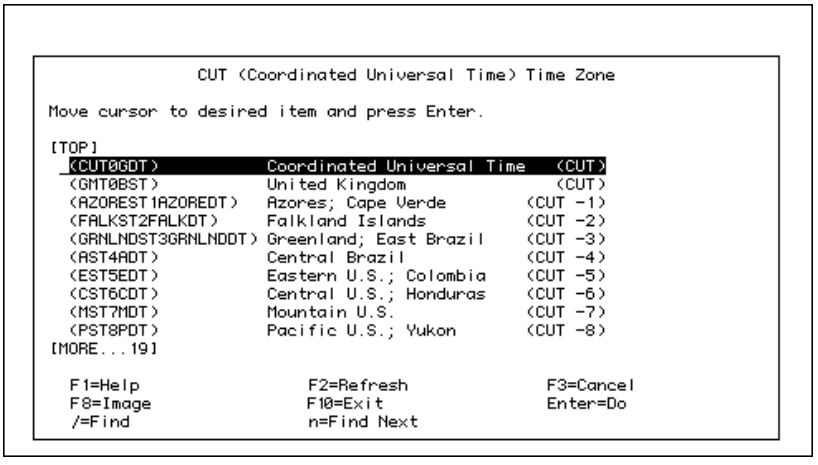
                        Use DAYLIGHT SAVINGS TIME?

Move cursor to desired item and press Enter.

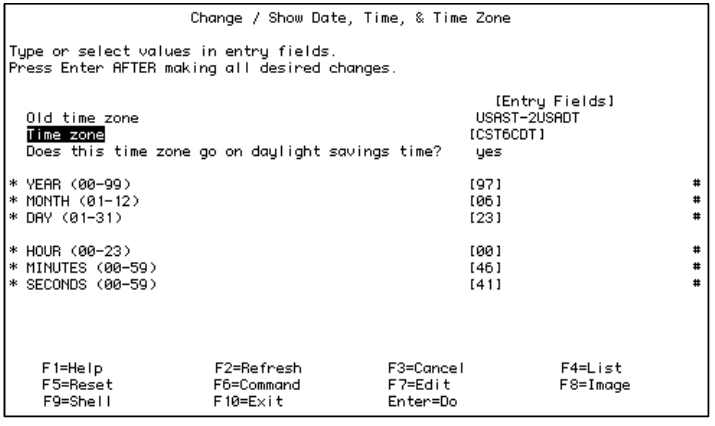
  # Does this time zone go on
  # DAYLIGHT SAVINGS TIME?
  #
  1 yes
  2 no

 F1=Help                 F2=Refresh              F3=Cancel
 F8=Image                F10=Exit                Enter=Do
 /=Find                  n=Find Next
```

4. Select the **DAYLIGHT SAVINGS TIME? (1 yes/ 2 no)** option, in accordance with the rest of the computers (including Mac and PC) on the network, and press ENTER. The CUT (Coordinated Universal Time) Time Zone window appears.



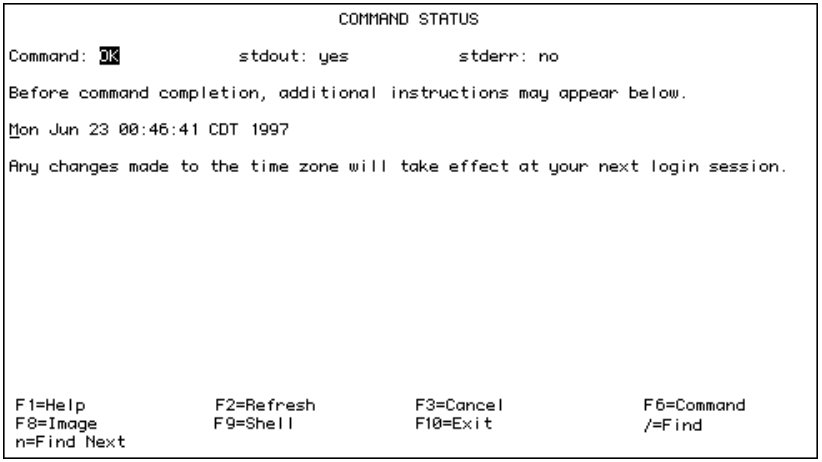
5. Select the appropriate time zone and press ENTER. The Change/Show Date, Time & Time Zone window appears.



6. If the default values in the various boxes are correct, press ENTER to complete the operation.

7. If some values need to be changed, change each value accordingly, then press ENTER to complete the operation.

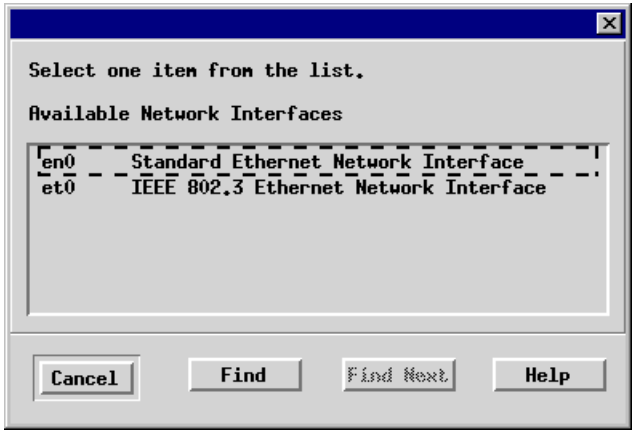
The Command Status window appears, displaying an **OK** status for a successful operation, and the changes will be reflected at the next login session.



8. Press F3 to return to the Installer menu.

To install and setup TCP/IP:

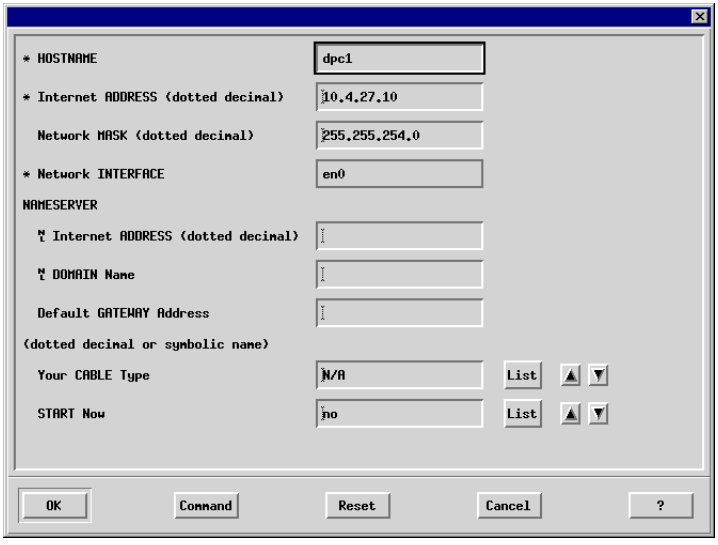
1. Access the Network Installer, (see *To access the Installer Menu:* on page 62).
2. Type `[2] TCP/IP Install & Setup` and press ENTER: The TCP/IP screen appears, with Minimum Configuration & Startup highlighted.
3. Press ENTER to produce the Available Network Interfaces list. The following screen appears.



Note: The DPC model comes with two communication ports - en0 and en1. You must configure the en1 port for network configuration (en0 can be used for Lotem connectivity).
If there are other UNIX systems on-site, the Network Administrator will issue the appropriate IP addresses.
Remove any existing local IP addresses, see *To remove a Host:* on page 68.

4. Press ENTER (the en1 Standard Ethernet Network Interface is already highlighted) and use the Minimum Configuration & Startup screen to enter the configuration values.

   The Minimum Configuration & Startup window appears.



From the network example, the hostname appears as DPC1, this name was decided during the Station Configuration.

Note: For sites where a configured TCP/IP network already exists (with or without routers), the Site Network Administrator should provide the following network address parameters for each DPC interface:
IP Address, Network Mask, and Default Gateway Address.
Refer to *Appendix A, Creo IP Address Structure Recommendations*, *Recommendations* on page 142, if you are using Creo Network IP numbering.

5. Determine the configuration values as follows:

HOSTNAME The local Hostname is set at the default name (DPC1) at the production line.

- To change the Hostname refer to **SciSmit -> Configure Station -> Change Station Name.**



Note: Do not change the station name from this window.

Internet ADDRESS Determine the Internet Address of the local station.

Network MASK An empty **Network Mask** box indicates that the default Network Mask is being used.

The DPC default IP Addresses belong to Class C, whose default address is 255.255.255.0.

Network INTERFACE This displays the interface being configured, for example, en1.

Your CABLE Type This is automatically sensed and displays N/A as the default.

- Toggle this option with the TAB key to select the site's cable type.

START Now

- Toggle this option with the TAB key to change from **no** to **yes**.

6. After the changes have been made, press ENTER. The COMMAND STATUS window displays **OK** for a successful configuration.
7. Press F3 to return to the Installer menu.

Configuring TCP/IP for a Remote Station (Hosts Table)

This section describes how to configure TCP/IP for a remote station, which consists of the following procedures:

- Accessing the Hosts Table
- Adding a Host
- Validating the Hostname List
- Removing a Host.



Note: To enable proper communication, you must add the hostname and IP address of all remote stations.

To access the Hosts Table:

➢ At the command prompt, type `smit hosts` and press ENTER to reach the Hosts Table window directly.

to add a Host:

1. From the Hosts Table window, select the **Add a Host** option and press ENTER. The Add a HostName window appears.
2. Select the **Internet Address** box and type the required IP Address (consult the System Administrator, if necessary).
3. Select the **Hostname** box and type the name of the additional host.
4. Press ENTER. The Command Status window appears, displaying an **OK** status.
5. Press F3 to return to the Hosts Table window.
6. Select the **List All Hosts option** and press ENTER to verify that the new host was added.
7. Press F3 to return to the Hosts Table window.

To validate the Hostname List:



Note: By default, the network Creo IP address is written to the hostname list. If the IP address of your station (configured in the TCP/IP menu) is different than the Creo IP default address, then two listings for the same station will appear in the hostname list. Remove any incorrect hostnames and IP addresses from the list, as described in *Removing a Host* on this page.

1. From the Hosts Table window, select the **List All Hosts** option and press ENTER.
2. Check that the list is valid. At least the first two entries should be included:

127.0.0.1	local host (Loopback)
Your Internet Address	Your Hostname
Remote Internet Address	Remote Hostname

3. Press F3 to return to the Hosts Table window.

To remove a Host:

1. From the Hosts Table window, select **Remove a Host** and press ENTER. The Remove a Host window appears, displaying the **Hostname** or **Internet Address** box, highlighted.
2. Press F4 to display the **Hosts** list.
3. Select the host that you want to delete and press ENTER. The confirmation window appears.
4. Press ENTER to complete the operation.
5. Press F3 to return to the Hosts Table window.
6. Select the **List All Hosts** option and press ENTER to verify that the host was deleted from the list.
7. Press F10 to exit SMIT.

To verify TCP/IP installation:

- At the command prompt, type `ping <station name>`. You should receive a continuous reply with TCP/IP details.



Note: Try pinging the station itself (for example, ping DPC1) as well as any remote stations, if available.

3.6 Loading Full Software Version

This option allows to install the new DPC Product Version.

To load a full software version:

1. Exit the DPC application.
2. Insert the CD# 3, Product CD and press ENTER.
3. From the **SciSmit** main menu, select **Software Handling -> Loading Full Software Version**.
4. Press F4 to display the list of options.
5. Press ENTER to start the operation. The Command Status window displays an **OK** status upon completion.
6. Select F10 to exit SciSmit.
7. Remove the CD# 3, Product CD from the drive.
8. Reboot the DPC and login as **cdesci**.

3.7 Update Software Packages

This option is used to install updates on top of the DPC Product Version.



Note: All names of update software packages begin with Upd.

To update the DPC software package:

1. Insert the Update Product CD and press ENTER.
2. From the **SciSmit** main menu, select **Software Handling -> Update Software Packages**.
3. Press F4 to display the list of options.
4. Select the desired update and press ENTER to start the operation. The Command Status window displays an **OK** status upon completion.
5. Select F10 to exit SciSmit.
6. Remove the Update Product CD from the drive.
7. Reboot the DPC and login as **cdesci**.

A

Creo IP Address Structure Recommendations

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A.1 Recommendations

The Creo IP address is built out of four numbers, which are separated by periods. Each number can range between 0 and 255 (for example, the range of an IP address can be 0.0.0.0 to 255.255.255.255).

Ethernet networks are usually divided into subnets, and each subnet has a Subnet Mask that defines the range of addresses that can be allocated to each host on this subnet.

Up to 254 hosts can be connected on each network segment (0 is used as a gateway address and 255 as a broadcast address).

The following is the recommended structure for Creo IP addresses:

Station/Unit	Recommended Addresses
Ethernet Communication Board (en0) on the DPC	192.9.100.X (X is 2-20)
Mac	192.9.Y.[21-74]
PS/2	192.9.Y.[75-99]
Sun	192.9.Y.[100-119]
Whisper	192.9.Y.[120-149]
Communication units (hubs, routers, switching hubs, and so on.)	192.9.Y.[200-254]

Examples:

- Y is determined by the Network Communication Board on the specific DPC.
- 192.9.100.21 is a Mac connected to the Ethernet board on DPC1.
- 192.9.150.125 is a Whisper connected to FDDI through the Switching hub.
- The first Mac connected to ent0 will have the address of 192.9.100.21.

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