Installation Guide

English

Brisque Software

version **5.0**

653-00539B

www.creo.com

Brisque Software

version 5.0

Installation Guide

creo™

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4,558,302	5,339,176	5,561,691	5,764,374	5,998,067	6,159,659	6,366,339
4,743,091	5,343,059	5,568,595	5,764,381	6,003,442	6,164,637	6,371,026
4,992,864	5,355,446	5,576,754	5,771,794	6,014,471	6,180,325	6,377,739
5,049,901	5,359,451	5,579,115	5,785,309	6,016,752	6,181,362	6,387,597
5,079,721	5,359,458	5,592,309	5,813,346	6,031,932	6,181,439	6,396,422
5,103,407	5,367,360	5,594,556	5,818,498	6,043,865	6,186,068	6,396,618
5,111,308	5,384,648	5,600,448	5,854,883	6,060,208	6,189,452	6,407,849
5,113,249	5,384,899	5,608,822	5,861,904	6,063,528	6,191,882	6,414,755
5,122,871	5,412,491	5,615,282	5,861,992	6,063,546	6,204,874	6,422,801
5,124,547	5,412,737	5,625,766	5,875,288	6,072,518	6,208,369	6,435,091
5,132,723	5,420,702	5,636,330	5,894,342	6,090,529	6,214,276	6,441,914
5,150,225	5,420,722	5,649,220	5,900,981	6,096,461	6,217,965	6,450,092
5,153,769	5,459,505	5,650,076	5,934,196	6,098,544	6,260,482	6,456,396
5,155,782	5,473,733	5,652,804	5,942,137	6,107,011	6,266,080	6,476,931
5,157,516	5,481,379	5,680,129	5,946,426	6,112,663	6,266,134	6,477,955
5,208,818	5,488,906	5,691,823	5,947,028	6,115,056	6,267,054	6,509,903
5,208,888	5,497,252	5,691,828	5,958,647	6,121,996	6,268,948	6,541,181
5,247,174	5,508,828	5,696,393	5,966,504	6,130,702	6,283,589	6,545,772
5,249,067	5,509,561	5,699,174	5,969,872	6,134,393	6,295,076	6,564,018
5,283,140	5,517,359	5,699,740	5,973,801	6,136,509	6,299,572	
5,291,273	5,519,852	5,708,736	5,986,819	6,137,580	6,318,266	
5,323,248	5,526,143	5,713,287	5,995,475	6,147,789	6,352,816	

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Internal 653-00539B

Revised November 2004

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Who Should Use This Manual

This manual is intended for anyone who is involved in using or administering Brisque Software software 5.0. It explains how to use the software and points out procedures that are specific to your Brisque Software system.

To use this manual, you should:

- Have a working knowledge of prepress operations
- Be familiar with the Windows® operating system
- Be familiar with the Macintosh® operating system

This manual assumes that:

- All the hardware, software, and network components of your Creo system are installed, configured, and operating correctly.
- Files submitted to the Creo system are free of common errors usually resolved during preflight, such as missing fonts and PostScript® errors.

What's in this guide

Brisque Version 5.0 offers several installation procedures, each serving a different need and purpose.

Chapter 1—Cold Start Installation, contains procedures for installing the AIX 5.2 OS and Brisque Version 5.0.

Chapter 2—Client Installation, contains procedures for adding and installing the Brisque IP addresses on your Windows and Macintosh client workstations.

Chapter 3—Loading Full Software Version, describes installation via the SciSmit utility. This procedure un-installs the previous product packages and then installs the new product packages.

Chapter 4—Updating AIX Recommended Maintenance Level, describes the options for the AIX Recommended Maintenance Level.

Chapter 5—Additional Software Installation, describes installation via the SciSmit utility. This procedure allows installation of additional modules that are not included in the Full Version, such as Composite OCF Fonts, Composite CID Fonts, Kanji OCF Fonts and Kanji CID Fonts.

1

Brisque 5.0 Cold Start Installation

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1.1 Read Me First

The Cold Start installation procedures described in this section should be performed only for troubleshooting purposes or after you have replaced a system disk.



Attention: Performing a complete Cold Start installation will erase all configuration parameters - see *Saving the Configuration Files to a Data Volume* on page 4, and *Restoring Configuration Files from Data Volume* on page 15.

New Brisque systems are supplied with factory-installed Brisque software, licenses, and passwords. Also supplied with the system, is a Password Backup diskette and a sticker, which contains written passwords.

1.2 Preparing for a Cold Start Installation

1.2.1 Saving the Fonts Library

1. From the **Brisque Launch Pad**, double-click the **Fonts** icon to open the Font Handling window.
2. Click the **All** button to select all the fonts.
3. Click the **Backup** button to open the Font Management window.
4. Select a directory. The backup program will automatically create a folder named psfonts.
5. Select **/dataVolumes/hostname1.0**. This process will take about a minute to execute depending on the number of fonts.
6. Click **OK** in the Font Management window.
7. Click **Exit** in the Font Handling window.

1.2.2 Noting the Filesystem Size

1. From the **Brisque Launch Pad**, open the **Utilities** panel.
2. Select **Disk Info**, then **System Wide.**
3. Write down the total size of the `/markers` and `/psfonts` filesystems.



Attention: For Brisque version 4.0, the /markers filesystem increases from 48MB to 104MB, and the /psfonts filesystem increases from 56MB to 120MB.

1.2.3 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 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.

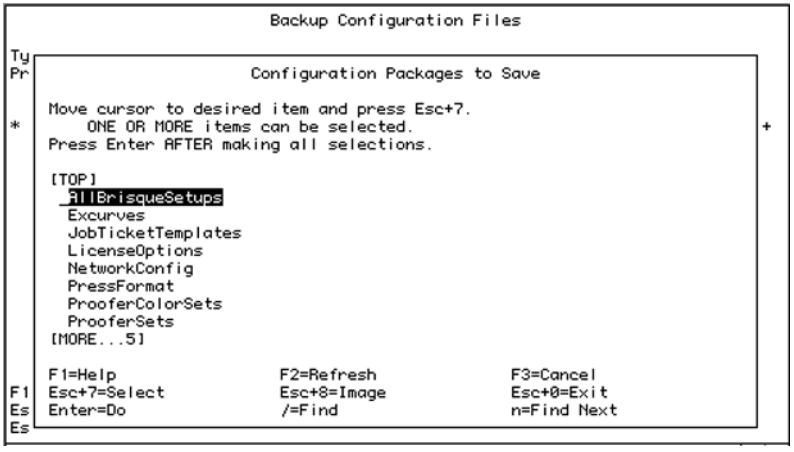


Note: Make sure that the diskette is write enabled.

3. At the command prompt, type `scismit` and 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 popup window.



6. Select **LicenseOptions** from the list and 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.

1.2.4 Saving the Configuration Files to a Data Volume

1. At the command prompt, type `scismit` and 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 Are You Sure? popup 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.

1.2.5 Pre-Installation Checklist

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

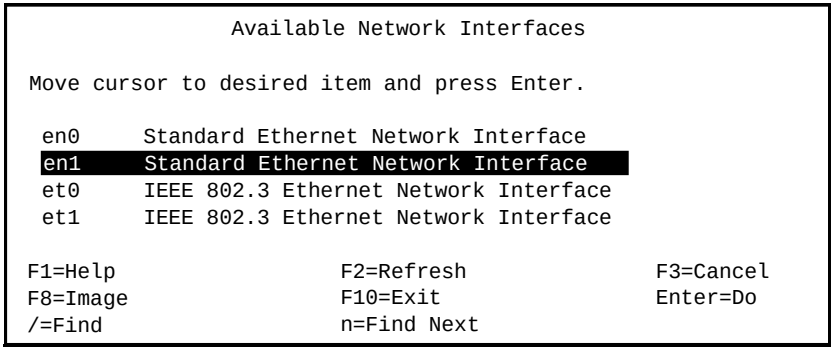
- ☑ Creo Brisque Distribution Media: Installation Diskette
- ☑ Creo Brisque Distribution Media: AIX 5.2 Base Operating System CD
- ☑ Creo Brisque Distribution Media: AIX Add-On CD
- ☑ Creo Brisque Distribution Media: Brisque Product CD
- ☑ Creo Brisque Distribution Media: Additional Product CD (The Asian and Japanese fonts)

In addition, the following Brisque 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:

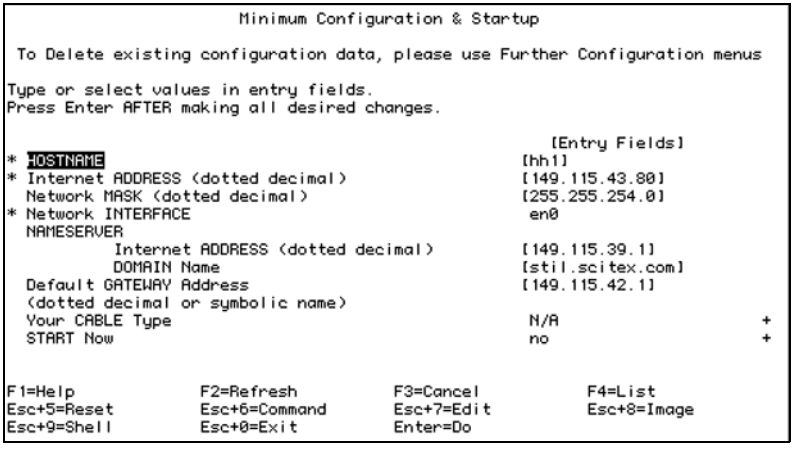
1. At the command prompt, type `smit tcpip` and press ENTER; The TCP/IP window appears.
2. Select the **Minimum Configuration & Startup** option. The Available Network Interfaces window appears.



3. Select the appropriate interface, as follows:

Brisque Platform	Interface to select
Brisque 43P-150	en 0
Brisque F-50	en 1
Brisque 44P-170	en 0
Brisque 6F1	en 0
Brisque 6E3	en 0
Brisque 6E4	en 0

The Minimum Configuration & Startup window appears.



4. Write down the following settings:
   - Hostname
   - Internet ADDRESS
   - Network MASK
   - NAMESERVER
   - - Internet ADDRESS
   - - DOMAIN Name
   - Default GATEWAY address.
5. Press **F10** to exit SMIT and proceed to the next section.

1.3 Cold Start Installation

The Brisque Cold Start installation procedure includes the following steps:

- Installing AIX
- Installing AIX Add-On software
- Installing Brisque software
- Installing additional software (Asian and Japanese fonts).

1.3.1 Installing AIX

1. Insert the **Installation diskette** into the floppy drive.



Attention: Do not remove diskette until the end of the Cold Start procedure.

2. Insert the **AIX 5.2 Base Operating System CD** into the CD-ROM drive.

   The Brisque 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.

3. Shut down the Brisque and power off all peripheral devices.
4. Power on the Brisque, the Brisque **Power On** LED lights up.

   Step 5 must be performed before the last indicator appears, otherwise you will have to power off and power on the Brisque.

5. To start the boot from the CD-ROM:

   For the 6F1, 6E3 and 6E4 platforms: press **5**.

   For the 43P and 44P platforms: press **F5**.



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

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
```

6. Press **F1** and press ENTER. The following message now appears on the screen:

```
Type 1 and press Enter to have English used during the
installation
```

7. 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]
```

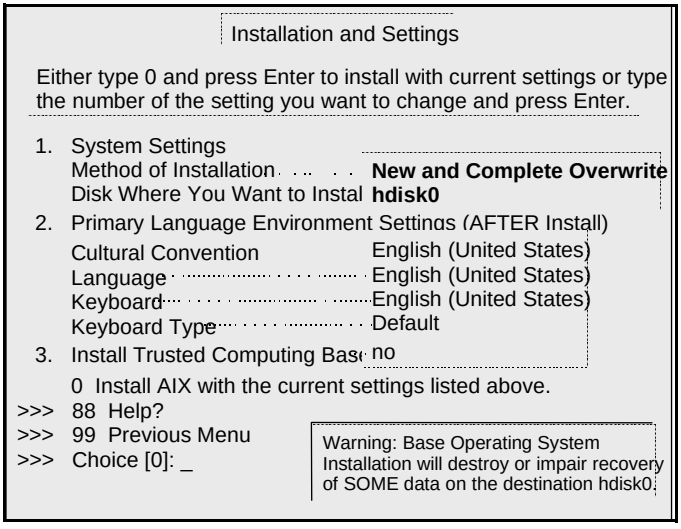
8. Type **2** and press ENTER to open the Installation and Settings window, which displays the default installation settings for the system.

9. Type **1** and press ENTER to open the Change Method of Installation window.

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

11. Make sure the **hdisk0** is the only option that can be selected (`>>> 1. hdisk0...`), and 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**.



12. Press ENTER. The Overwrite Installation Summary window appears:

Overwrite Installation Summery

Disks: hdisk0
Cultural Convention: en_US
Language: en_US
Keyboard: en_US
64 Bit kernel enabled:
JFS2 Files System Enabled: No
Graphics Software: Yes
Documentation Services Software: Yes
Desktop:
Enable System Backups to install any system: No

Optional Software being installed

>>> 1 Continue with Install

88 Help?
99 Preview Menu
Choice [1]:__

Warning: Base Operating System
Installation will destroy or impair recovery
of SOME data on the destination hdisk0

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

    - This process takes approximately 45 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 reappears, displaying the object indicators and the following message:

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

    - After the BOS (Base Operating System) is installed, the AIX 4.3.3 Base Operating System CD is automatically ejected.



Note: If the installation diskette is not in the diskette drive or is damaged, or if the diskette drive is damaged, the AIX 4.3.3 Base Operating System CD will not be automatically ejected.

This indicates that, due to a failure relating to the Installation Diskette (and/or drive), AIX has not been completely installed.

Before proceeding:

1. Check that the Installation Diskette is inserted into the diskette drive.

2. Verify that the diskette drive is not malfunctioning and/or that the diskette is not defective.

3. If you continue to 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. Insert the **AIX Add-On CD** into the CD-ROM drive and press ENTER.

15. Answer the questions that appear on the screen:

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

Type **1**.

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

Press ENTER.

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

Type your station description, for example type **brisque4**.

```
   Station Name: brisque4
   Please confirm [y/n] >>[y]
```

Press ENTER.
The following message appears:

```
   Please wait...
   Station Name: brisque4
-------------------------------------------------------
   Do you want to format All your data disks? [y/n] >>[n]
```

Press ENTER. The following message appears:

```
   Configure Data Disks: no
```



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

```
-------------------------------------------------------
   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]
```

Press ENTER.

```
-----------------------------------------------------

Product Type: Brisque
Station Name: brisque4
Time Zone:WET(CUT+2)Daylight Savings Time is not used
Date:         April 30, 2003
Time:         10:27:36
Configure Data Disks: no

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

Type **y**.

```
-----------------------------------------------------
```

The following message appears:

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

- The AIX Add-On installation takes up to 5 minutes to complete. During this time, lists of the installed LPPs appear on the screen.
- Upon completion, the AIX Add-On CD is automatically ejected and the following message appears on the screen:

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

AIX Add-Ons CD is installed.
Please remove 'ADD-1ON' CD.
Please insert Brisque CD and press Enter to continue...

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

16. Remove the Add-On CD.
17. Insert the **Brisque Product CD #1** and press ENTER.
    - This process takes approximately 25 minutes to complete.



Note: 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-screen:

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

Please insert "Brisque Product 2" CD and press Enter to
continue...

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

18. Remove the "Brisque Product 1 (1 of 2)" CD from the drive and insert the "Brisque Product 2 (2 of 2)" CD, and press ENTER.
    - This process takes approximately 5 minutes to complete. Upon completion, the system will reboot.
    - After restart the Console login appears:

      ```
      AIX Version 5
      (c) Copyrights by IBM and by others 1982, 2002
      Console login:
      ```

19. Remove the Brisque Product 2 CD.
20. Eject the Installation diskette.

    The Brisque software is now loaded and ready for login or configuration.



Attention: Load any required Brisque software updates, according to your software version. Refer to the Creo e-Central site for more information about the required updates.

- If the configuration was saved before you began the cold start, proceed with *Section 1.4 Configuring Brisque with Saved Configuration on page 15*.
- If the configuration was not saved before you began the cold start, proceed with *Section 1.5 Configuring Brisque Without Saved Configuration on page 17*.

1.4 Configuring Brisque with Saved Configuration

This section describes how to configure the Brisque 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



Attention: 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 4.

1.4.1 Restoring Configuration Files from Data Volume



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

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

```
        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** and press ENTER to exit from the window.
3. At the command prompt, type `scismit` and 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 Brisque Setups**, then press ENTER.
6. Press ENTER.

7. When you are prompted `Are you sure...?`, press ENTER.
   The Command Status window appears, displaying an **OK** status for a successful restore operation.
8. Select **F10** to exit **SciSmit**.

1.4.2 Setting the /psfonts and /markers Filesystem Size



Attention: Perform this procedure only if the file systems' size noted before Cold Start (see *Section 1.2.4 Saving the Configuration Files to a Data Volume on page 4*) is:

- **/markers** - bigger than 104 MB
- **/psfonts** - bigger than 120 MB.

1. From the **SciSmit** main menu, select **Devices > File Systems > Increase File System**.
2. To increase the filesystem size, enter the values you noted before the Cold Start installation (see *Noting the Filesystem Size* on page 3).

1.4.3 Setting Up the Modem

After you restored the configuration files, you must set up the modem on the Brisque.

1. Check that the modem is connected to serial port **2**.
2. At the Console login, type `root` and enter your password (default **ripro**) and press ENTER.
3. At the command prompt, type `scismit` and press ENTER.
4. From the **SciSmit** main menu, select **Remote Support > Install Analog Modem > Supra Express**.
5. Press **F4** and select **tty1 (com2)**.
6. Press ENTER.
7. When you are prompted `Are you sure?`, press ENTER.

1.4.4 Restoring the Fonts Library

1. From the **Brisque Launch Pad**, double-click the **Fonts** icon to open the Font Handling window.
2. Click the **All** button to select all the fonts.
3. Click the **Restore** button to open the Font Management window.
4. Browse to the **psfonts** directory (this directory should be located under the /dataVolumes/hostname 1.0).
5. Click **OK**. The Restore window displays a list of all fonts.
6. Click the **All** button to select all the fonts.
7. Click **OK**.
8. In the in the Font Handling window, click **Exit**.

1.5 Configuring Brisque Without Saved Configuration

This section describes how to configure the Brisque 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.

1.5.1 Restoring Passwords from the Password Backup Diskette

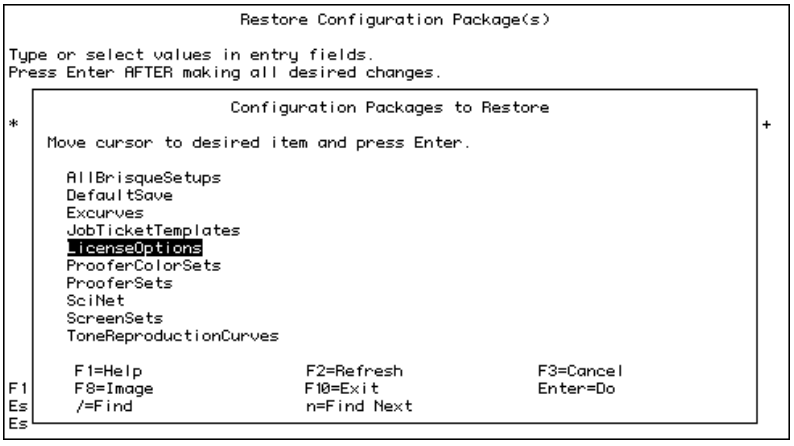
1. At the Console login, type `root` and enter your password (default **ripro**) and press ENTER.
   The Networking S/W Products Installer & Setup window appears.
2. Type **9** and press ENTER to exit from the window.
3. Insert the **Password Backup diskette** into the diskette drive.



Note: This operation restores the Creo password, the Helios activation key, and the NatFX and TransferPro (DIT) licenses (passwords).

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 Are You Sure? popup 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. Eject and remove the Password Backup Diskette from the drive and switch it to write protected mode.

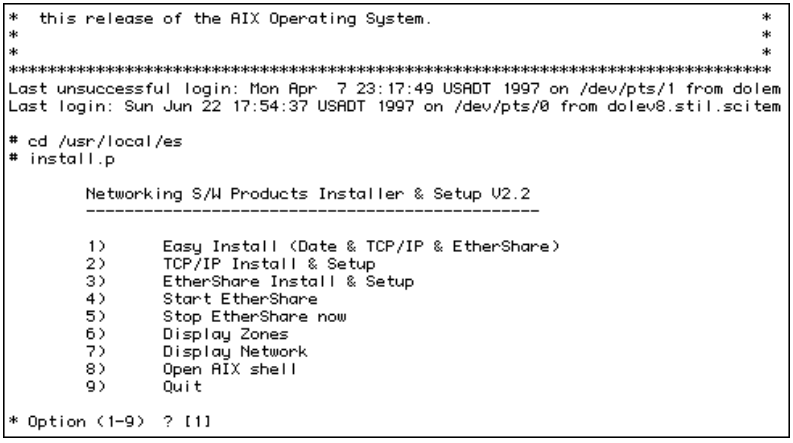
1.5.2 Networking Installation and Setup Using Easy Install

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

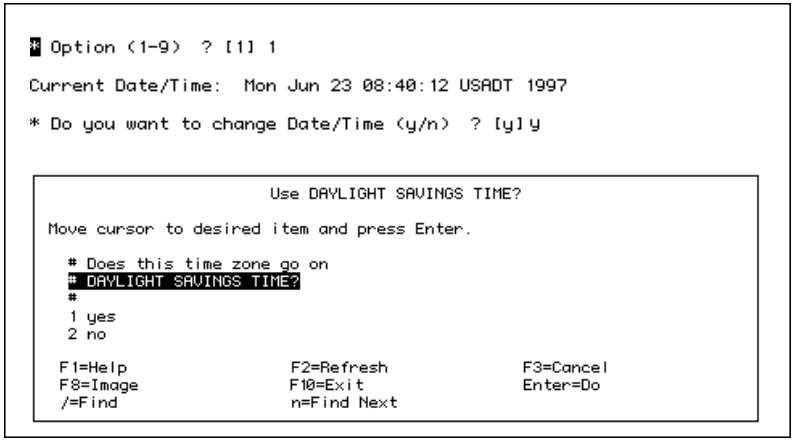
Accessing the Installer Menu

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.

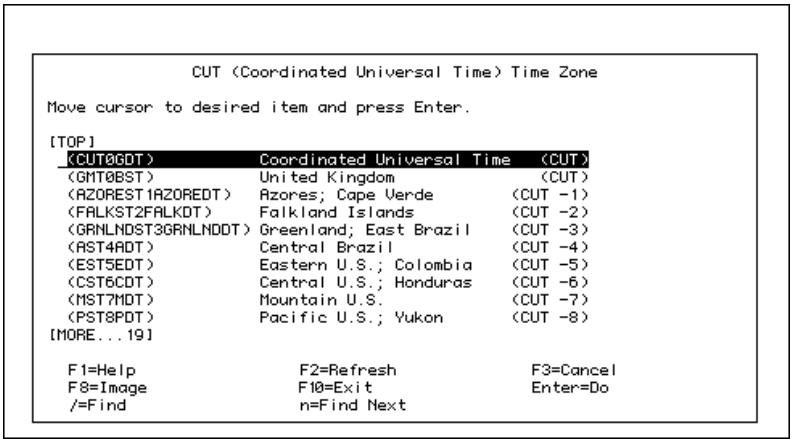


Configuring the Date/Time

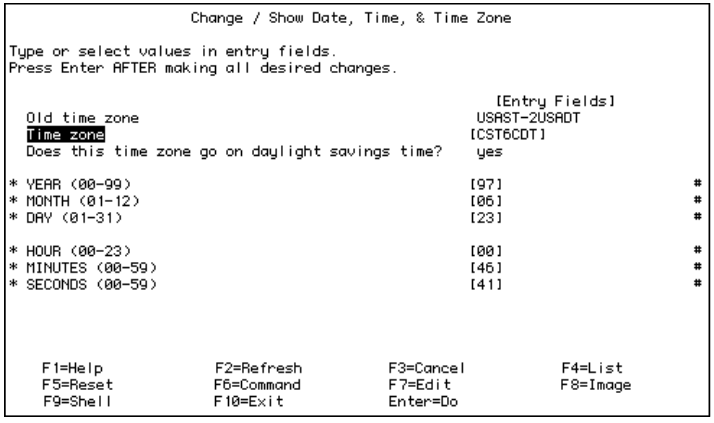
1. Access the **Installer** menu, as described earlier.
2. Type **1** to select **Easy Install (Date & TCP/IP & EtherShare** and press ENTER.
3. At the **Current Date/Time** option, type **y** and press ENTER.
   The Use Daylight Savings Time? window appears.



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

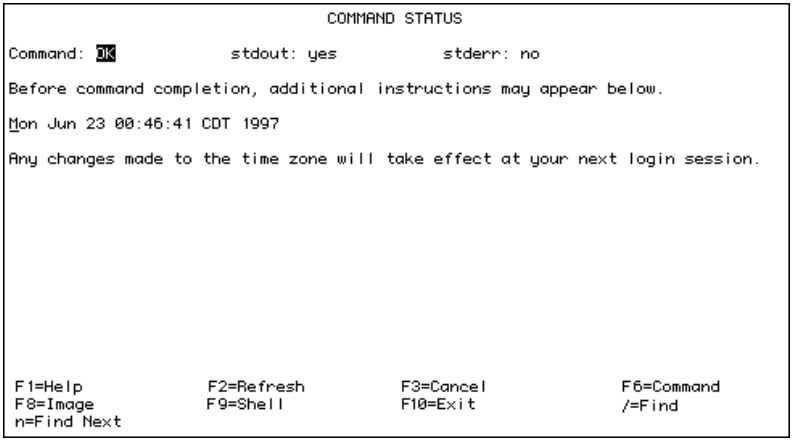


5. Select the appropriate time zone and press ENTER.
   The Change/Show Date, Time & Time Zone window appears.



6. If the default values in the various fields are correct, press ENTER to complete the operation.
   Or,
   If some values need to be changed, change each value accordingly and then press ENTER to complete the operation.

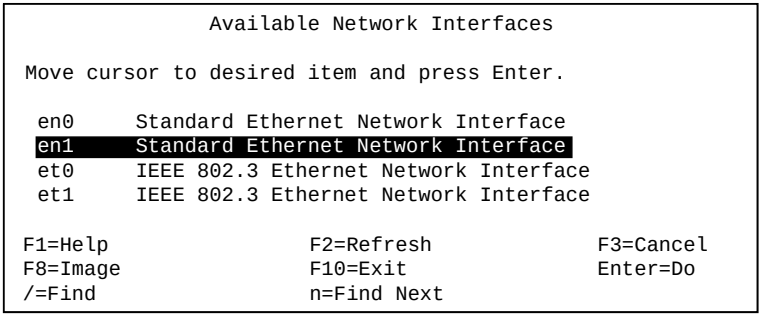
The Command Status window appears, displaying an **OK** status for a successful operation, and the changes will be reflected at the next login session.



7. Press **F3** to return to the Installer menu.

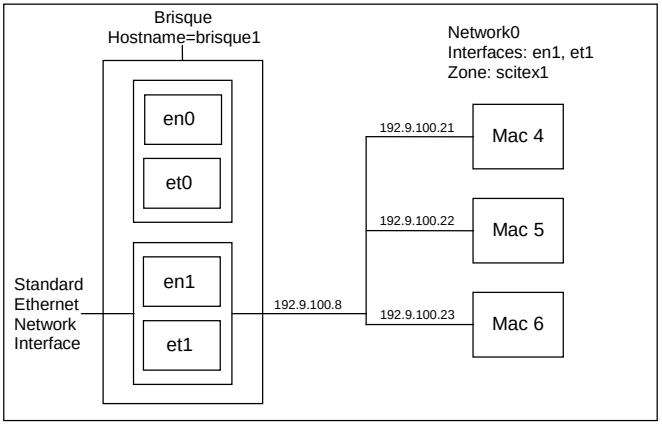
TCP/IP Installation and Setup

1. Access the **Network Installer**, refer to *Accessing the Installer Menu* on page 19.
2. Type **2** (**TCP/IP Install & Setup**) and press ENTER. The TCP/IP screen appears, with Minimum Configuration & Startup highlighted.
3. Press ENTER to display the Available Network Interfaces list. The following screen appears:



Note:
1) If there are other UNIX systems on-site, the Network Administrator will issue the appropriate IP addresses.

2) Remove any existing local IP addresses, refer to *Removing a Host* on page 30.



4. The **en1 Standard Ethernet Network Interface** is already highlighted, press ENTER and use the Minimum Configuration & Startup screen to enter the configuration values.
The Minimum Configuration & Startup window appears.

```
                    Minimum Configuration & Startup

To Delete exiting configuration data, please use Further Configuration menus.

Type or select values in entry fields.
Press Enter AFTER making all desired changes.

                                                      [Entry Fields]
* HOSTNAME                                           [brisque]
* Internet ADDRESS (dotted decimal)                  [149.115.74.72]
  Network MASK (dotted decimal)                      [255.255.254.0]
  Netword INTERFACE                                   en1
  NAMESERVER
       Internet ADDRESS (dotted decimal)             []
       DOMAIN Name                                   []
  Default GATEWAY Adress                             []
  (dotted decimal or symbolic name)
  Your CABLE Type                                     N/A
  START Now                                           no


F1=Help             F2=Refresh          F3=Cancel           F4=List
Esc+5=Reset         Esc+6=Command       Esc+7=Edit          F8=Image
Esc+9=Shell         Esc+0=Exit          Enter=Do
```

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 Brisque interface: IP Address, Network Mask, and Default Gateway Address.

5. Determine the configuration values as follows:

Configuration item	Description
HOSTNAME	The local Hostname is set at the default name at the production line. To change the Hostname refer to **SciSmit > Configure Station > Change Station Name**. **Important:** 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 field indicates that the default Network Mask is being used. The Brisque 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.

EtherShare Installation and Setup

This section describes how to set up and install EtherShare, which consists of the following procedures:

- Installing EtherShare
- Entering an EtherShare Base License
- Creating a Demo User
- Configuring the Apple Talk Network Numbers.

Installing EtherShare

1. Access the **Network Installer**, refer to *Accessing the Installer Menu* on page 19.
2. Type **3** to select **EtherShare Install & Setup** and press ENTER. The EtherShare Installation Menu appears.

```
Ethershare Installation Menu
************************************************************
The machine ID (host ID) of this computer is “00198169-68”
1) Install programs and configuration files
2) Install and configure AppleTalk kernel modules
3) Enter activation key to license HELIOS programs
4) Create a demo user
5) Configure AppleTalk network numbers
6) Display README file
7) Quit
* Your choice? [1] - Enter
************************************************************
```

3. Type **1** to select **Install programs and configuration files** and press ENTER to initiate the automatic processes.

4. Answer **No** to the following questions that appear:
   - **Ok to create group QueueAdm?**
   - **Ok to create the crontab entry?**
   - **Ok to create the extra password file?**

   The EtherShare Installation Menu reappears.
5. Type **2** to select **Install and configure AppleTalk kernel modules** and press ENTER to initiate the automatic processes.
6. Type **3** to select **Enter activation key to license HELIOS programs** and press ENTER. The EtherShare License Menu appears.

```
       EtherShare License Menu
       -----------------------

       The machine ID (host ID) of this computer is “00198169-68”

       1)     Enter an EtherShare base license
       2)     Enter a user expansion license
       3)     Display licenses
       4)     Delete a license
       5)     Return to main menu

* Your choice ? [2]
```

7. Proceed to the next procedure to enter a base license.

Entering an EtherShare Base License

1. From the EtherShare License Menu, type **3** to select **Display Licenses** and press ENTER. The old activation key is displayed if it exists. If it does not exist, proceed to step 4.
2. Write down the serial number.
3. Select **4** and delete the existing license.
4. Type **1** to select **Enter an EtherShare base license** and press ENTER. The following window appears. (This window is only an example, as base licenses do not have an expiration date.)

```
* Your choice ? [2] 1
* Software serial number (8 digits, q to quit) ? [] 12345678
If you have a full license, leave the next field blank.
* Expiration date (eg. 1-Oct-1991, q to quit) ? [] 1-12-94
* Number of users (one or more decimal digits, q to quit) ? [20]
* Checksum (eg. abcd-defg-hjkl-mnop, q to quit) ? [] etbf-fqeq-edhw-euac

License is valid and has been entered into the license data base.
```

5. Type in the following license parameters:
   - Software serial number
   - Number of users (the number in brackets is the default, but you can enter up to 20 users). Note that the Brisque is supplied with base licenses for **only** 6 users.
   - Checksum

   The following message appears:

   "The license is valid...."

6. Type **5** to select **Return to main menu** and press ENTER.
   You return to the EtherShare Installation Menu.

Creating a Demo User

1. From the EtherShare Installation Menu (shown on page 24), type **4** to select **Create a Demo User** and press ENTER. The following window appears:

```
* Your choice ? [1] 4
* Ok to add a demo user named "macuser" and a demo group "macusers" ? [y]
```

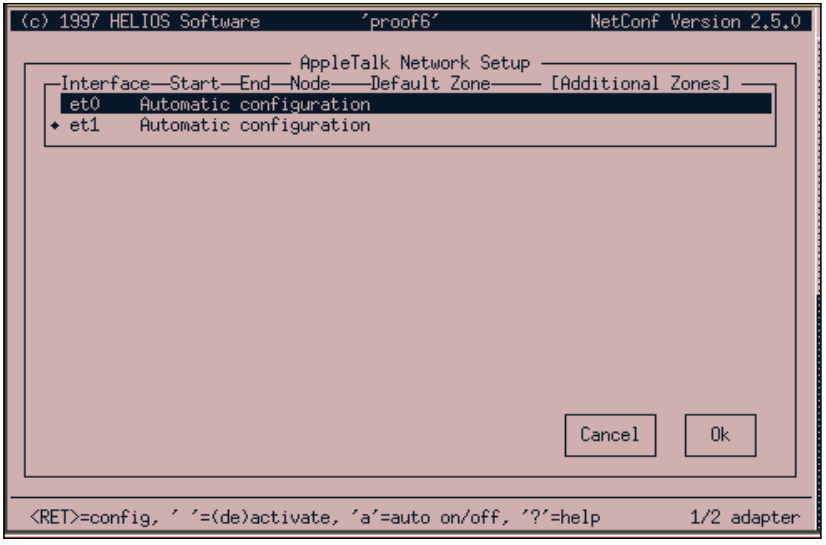
2. Type **y** and press ENTER to confirm the creation of a demo user named **macuser**. You automatically return to the EtherShare Installation Menu.

Configuring AppleTalk Network Numbers for Brisque

Attention: At the end of this procedure, the Helios program will prompt you to reboot the station. Check with the local system manager to receive permission to reboot the Brisque.

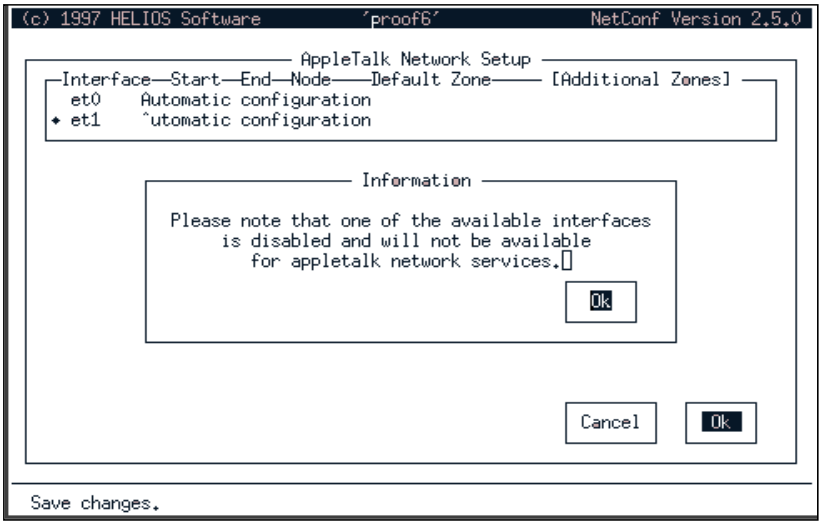
Note: It is recommended to use the Brisque as a non-seed router device and to use the auto configuration option in the netconf program (use to be if=et1 in the atalk.conf file in the previous EtherShare version).

1. From the EtherShare Installation Menu (shown on page 24), type **5** to select **Configure AppleTalk network numbers** and press ENTER. The NetConf window appears.
2. Use the arrow keys to select **Configure Adapter** and press ENTER. The AppleTalk Network Setup window appears.



3. Use the arrow keys to select **et0** and press the <space bar> to remove the plus sign (+) (deactivates **et0**).
4. Use the arrow keys to select **et1**. (If adapter **et1** is already in **Automatic configuration**, proceed to Step 6.)
5. Change the **et1** adapter to **Auto configuration** by pressing the **A** key.

6. Use the **Tab** key to select **OK** and press ENTER. The following window appears:



7. Select **OK** and press ENTER twice to quit the NetConf program.
8. Type **7** and press ENTER to exit the EtherShare Installation Menu. The following message appears:

   ```
   Do you want to reboot now?
   ```

9. Type **y**. The following message appears:

   ```
   Minutes till shutdown [0]
   ```

10. Press ENTER. The station restarts, and the new EtherShare starts automatically.

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.

Accessing the Hosts Table

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

Adding a Host

1. From the Hosts Table window, select the **Add a Host** option and then press ENTER.
   The Add a HostName window appears.
2. Select the **Internet Address** field and then type in the required IP Address (consult the System Administrator, if necessary).
3. Select the **Hostname** field and then type in 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 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.

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 host names and IP addresses from the list, as described in *Removing a Host* on page 30.

1. From the Hosts Table window, select the **List All Hosts** option and 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

1. From the Hosts Table window, select the **Remove a Host** option and then press ENTER.
   The Remove a Host window appears, displaying the Hostname or Internet Address field as highlighted.
2. Press **F4** to display the **Hosts** list.
3. Select the host that you want to delete and then press ENTER.
   The Are you sure? popup 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 then press ENTER to verify that the host was deleted from the list.
7. Press **F10** to exit SMIT.

Verifying TCP/IP Installation

➢ At the command prompt, type `ping` and then the station name.
You should receive a continuous reply with TCP/IP details.

Try pinging the station itself (for example, ping **brisque1**) as well as any remote stations, if available.

2

Client Installation

Before Client Installation 32
Client Installation Procedure 35

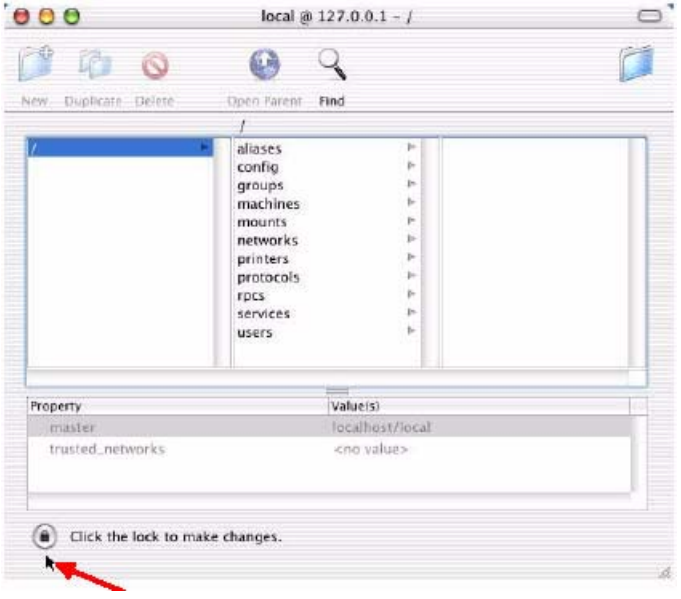
2.1 Before Client Installation

Before installing the Windows® or Macintosh® client, you must add the IP addresses of your Brisque workstations on the Windows and Macintosh client workstations.

2.1.1 Adding Brisque IP Addresses on Macintosh

To add Brisque IP addresses on Macintosh client workstations:

1. Select **Application > Utilities** to open the NetInfo Manager window.

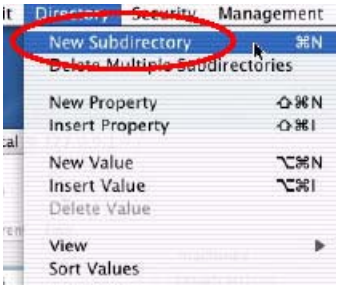


2. Select **Click the lock to make changes.**
3. Type your name and password.



4. Select **Machines** in the second column of the NetInfo Manager window.

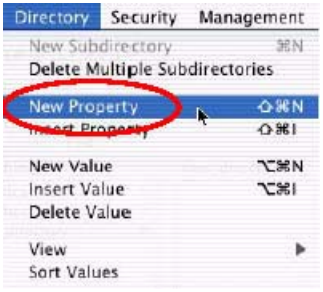
5. From the top menu, select **Directory > New Subdirectory.**



6. Type the host name in the **Value(s)** column.



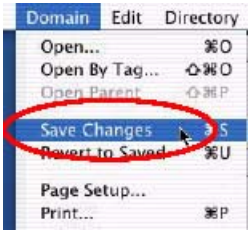
7. From the top menu, select **Directory>New Property.**



8. Change the property name to `ip_address` (without quotation marks) and type the host IP address in the **Value(s)** column.



9. From the top menu, select **Domain > Save Changes** to save your changes.



10. Click **Update this copy** to confirm changes.



11. Close the NetInfo Manager.

2.1.2 Adding Brisque IP Addresses on Windows

To add Brisque IP addresses on Windows client workstations:

1. Access the location of the hosts file under C:\WINNT\system32\drivers\etc
2. Open the hosts file with a text editor, such as Notepad.

3. Add your Brisque hostname and IP address, as shown below:

```
# Copyright (c) 1993-1999 Microsoft Corp.
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host
# name.
# The IP address and the host name should be separated by at least one
# space.
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
    # For example:
    #      102.54.94.97     rhino.acme.com          # source server
    #       38.25.63.10     x.acme.com              # x client host
    127.0.0.1        localhost
    192.9.100.2      Brisque01 << Example
```

4. Save the file.

2.2 Client Installation Procedure

To install the Windows or Macintosh client from the Brisque:



Note: In order to install the Windows client, you must be defined as an administrator on your computer.

1. Open Internet Explorer on your client Windows or Macintosh workstation.
2. Type the client installer URL:
   ftp://client:client@IPaddress (the Brisque IP address).
3. **For Windows:** Copy the **BC5NT.exe** file to your computer, extract the installer and install it following the installation wizard.
   For Macintosh: Copy the **BC5OSX.tar** file to your computer, extract the installer and install it following the installation wizard.

3 Loading Full Software Version

This procedure enables you to install the new Brisque Product version. During the installation, all the current packages including the updates will be deleted and the new Brisque Product version will be installed.

Note: You must reinstall the updates after a full software version installation.

To load a full software version:

1. Exit the Brisque application.
2. Login as `root` and enter your password.
3. At the command prompt, type `scismit` and press ENTER to access the SciSmit main menu.
4. From the SciSmit main menu, select **Software Handling > Loading Full Software Version**.
5. Insert the **Brisque Product CD #1** and press ENTER.
6. When you are prompted `Are you sure...?`, press ENTER.

   The following messages appear on the screen:

   WARNING: Station to be rebooted !!!

   Type N to proceed with reboot
   Type Y to start reboot (RECOMMENDED)>
7. Type **Y** to proceed without restarting.

   The installation process begins and after a few moments, you will be prompted to insert the **Brisque Product CD #2**.
8. Remove the **Brisque Product CD #1**.
9. Insert the **Brisque Product CD #2**.
   - Upon completion, the system automatically restarts.
   - This process takes approximately 25 minutes to complete.

Note: Please be aware that during the process the screen will switch to a save mode. Press the space bar to refresh the screen.

- After restart the Console login appears:

```
AIX Version 5
(c) Copyrights by IBM and by others 1982, 2002
Console login:
```

10. Remove the **Brisque Product CD #2** from the drive.
11. Login as `cdesci`.

4 Updating AIX Recommended Maintenance Level

This procedure enables you to update the AIX Recommended Maintenance Level.

To update the AIX version:

1. Exit the Brisque application.
2. Login as `root` and enter your password.
3. At the command prompt, type `scismit` and press ENTER to access the SciSmit main menu.
4. From the SciSmit main menu, select **Software Handling > Update AIX Recommended Maintenance Level**.
5. Insert the **Update AIX Recommended Maintenance Level CD** and press ENTER.
6. When you are prompted `Are you sure...?`, press ENTER. Upon completion, the system automatically reboots.
7. Remove the Update AIX Recommended Maintenance Level CD from the drive.
8. Login as `cdesci`.

5 Installing Additional Software (Asian and Japanese Fonts)

This procedure enables you to install additional software packages (Asian and Japanese fonts), including the following:

- Asian Installer
- Composite Fonts
- Composite Fonts CID
- Kanji Fonts
- Kanji Font CID.

To install additional software:

1. Exit the Brisque application.
2. Login as `root` and type your password.
3. At the command prompt, type `scismit` and press ENTER to access the SciSmit main menu.
4. Insert the **Additional Product CD** into the drive.
5. From the **SciSmit** main menu, select **Software Handling > Additional Software Installation**.
6. Press **F4** to display the list of options.
7. Select the desired fonts and press `Enter` twice to start the operation.
8. When you are prompted `Are you sure...?`, press `Enter`. The Command Status window displays an **OK** status upon completion.
9. Select **F10** to exit SciSmit.
10. Remove the Additional Product CD from the drive.
11. Restart Brisque.
12. Login as `cdesci`.

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