Release Notes

English

Brisque to 74 Karat Workflow

version **4.1**

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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	
5,247,174	5,508,828	5,696,393	5,966,504	6,130,702	6,283,589	
5,249,067	5,509,561	5,699,174	5,969,872	6,134,393	6,295,076	
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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Brisque to 74 Karat Workflow

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Overview

The Brisque–74 Karat workflow prepares Brisque Jobs and Imposition Jobs for imaging and printing on the 74 Karat digital offset press.

This document describes the Brisque–74 Karat workflow and lists current bugs and limitations.

Note: The Brisque–74 Karat workflow (the 74Karat operation on Brisque) is password protected and requires a license obtainable from your local Creo representative.

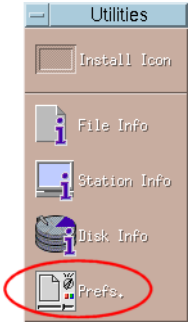
Before You Begin Working with the Brisque to 74 Karat Workflow

Brisque version 4.1 includes the 74 Karat option so no software update is required following the Brisque version 4.1 installation. However, to see the 74Karat icon on the Common Desktop Environment (CDE), you must first remove one of the visible icons from the **Output** panel and then add the 74Karat icon.

Important: Do not remove an icon of an operation that you perform on your Brisque workstation. Remove one of the operations that you never use.

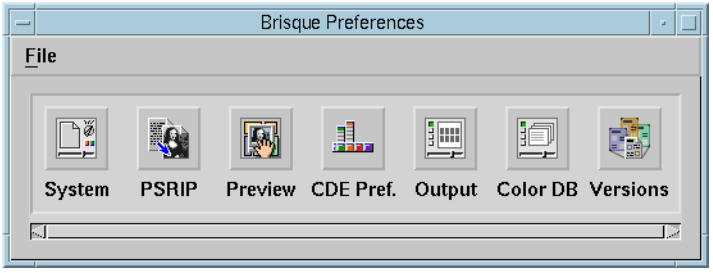
You can add the icon you removed back to the CDE in the future but you will have to remove another icon to do so.

To add the 74Karat icon to the CDE:



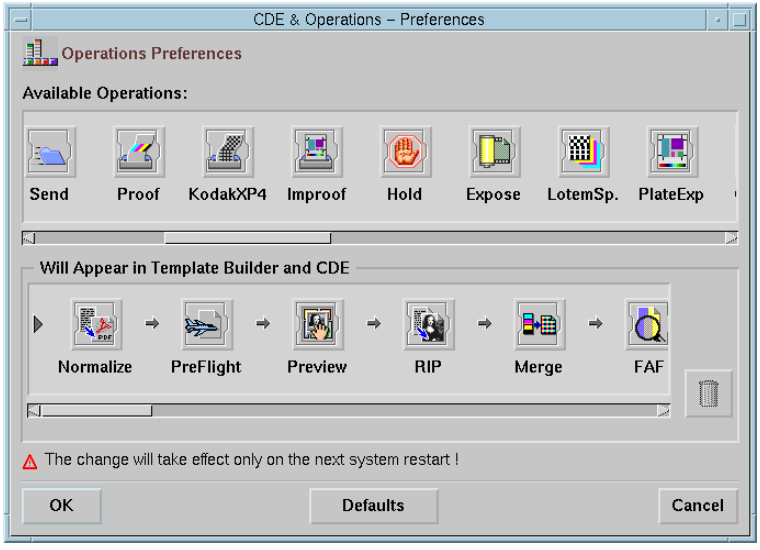
1. From the Brisque Launch Pad, open the **Utilities** panel and then double-click the **Prefs** icon.

   The Brisque Preferences window appears.



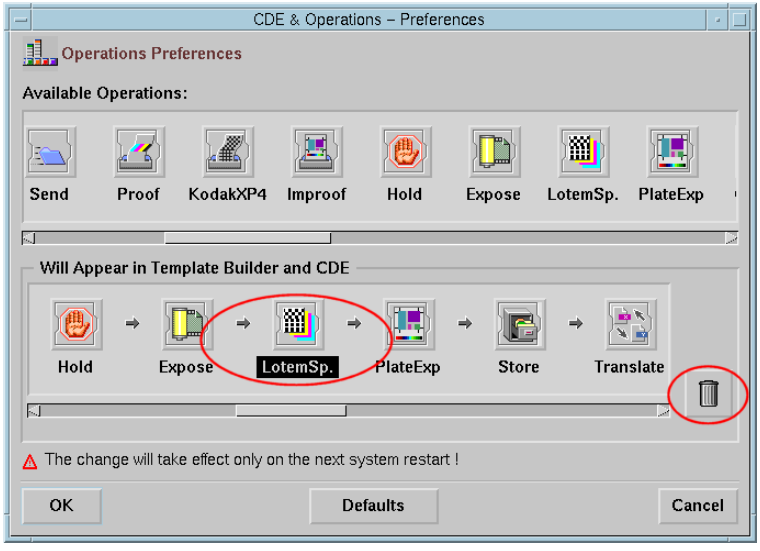
2. In the Brisque Preferences window, click the **CDE Pref.** icon.

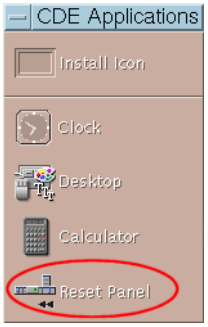
   The CDE & Operations—Preferences window appears.



3. In the **Will Appear in Template Builder and CDE** section, select an operation icon (that appears on the **Output** panel of the Brisque Launch Pad) and then click the trash can icon.

   The selected operation icon disappears from the **Will Appear in Template Builder and CDE** section.





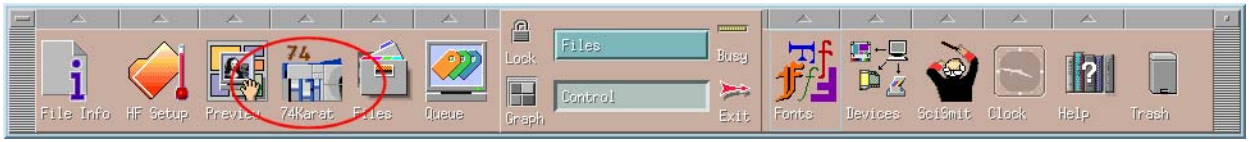
4. In the **Available Operations** section, click the **74Karat** icon.

   The 74Karat icon appears in the **Will Appear in Template Builder and CDE** section.

5. Click **OK.**

Important: After you close the CDE & Operations—Preferences window, your changes take effect immediately in the Template Builder. However, changes in the Brisque Launch Pad panels and the right-click menus take effect only after you double-click the **Reset Panel** icon (located in the **CDE Application** panel of the Brisque Launch Pad).

➢ To add the **74Karat** icon to the main panel of the Brisque Launch Pad, right-click the **74Karat** icon and select **Copy To Main Panel**.



The main panel of the Brisque Launch Pad with the **74Karat** icon

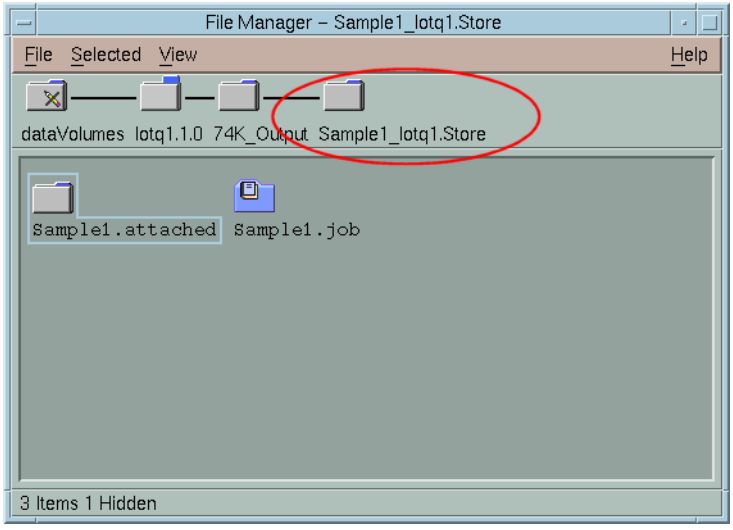
Working With the Brisque to 74 Karat Workflow

The Brisque–74 Karat workflow prepares Brisque Jobs and Imposition Jobs for imaging and printing on the 74 Karat digital offset press.

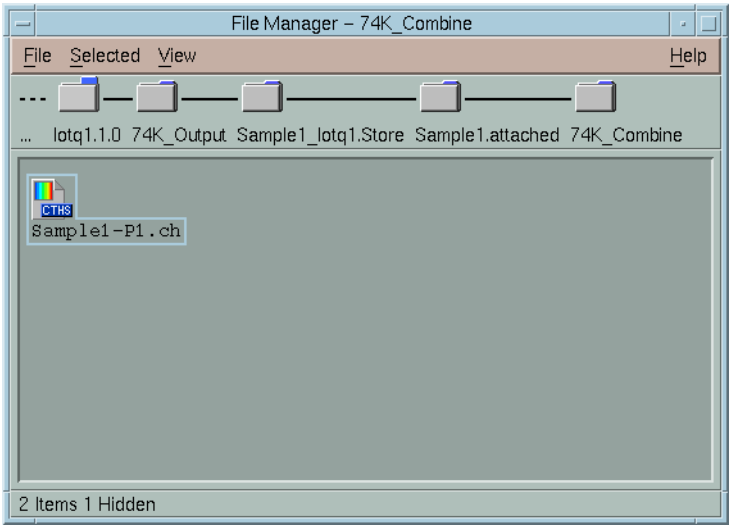
When a job is sent to the 74 Karat Job Ticket, the following procedures are performed:

- Rotation, if necessary
- The Combine operation, which creates a low-resolution CT. This CT enables the user to see a thumbnail of the file in the 74 Karat application (the **Main** tab of the Imaging dialog box).
- The Store operation, which assembles all the relevant data into one Store folder—**filename.Store**. This folder contains all the required data for previewing, exposing, and printing the file at the 74 Karat workstation. The name of the folder consists of the name of the input file and the local host, such as **Sample1_lotq1.Store**.

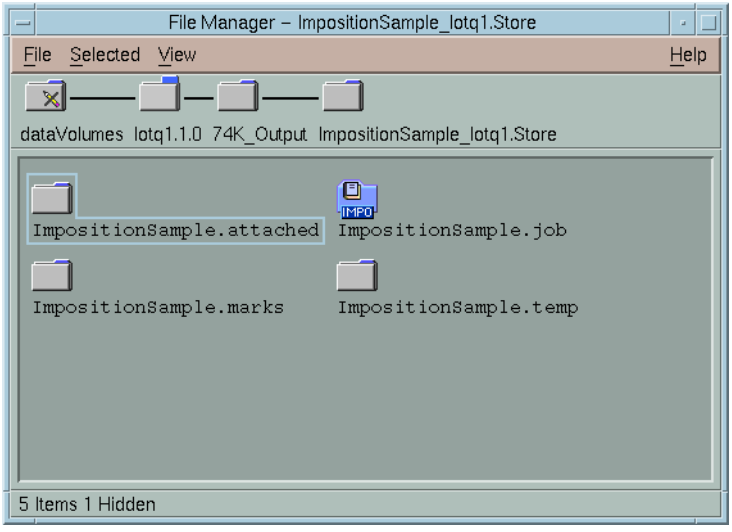
  The Store folder contains the input file (Job or Imposition Job) and a folder called **filename.attached**.



In the **filename.attached** folder you can find the **74Karat_Combine** folder, which contains the combined low-resolution CT.



When the input file is an Imposition Job, the **filename.Store** folder also contains a **filename.temp** folder, which holds all the pages that are linked to the Imposition Job, and a **filename.marks** folder, which holds all the marks that are linked to the Imposition Job.



Setting Default 74Karat Parameters

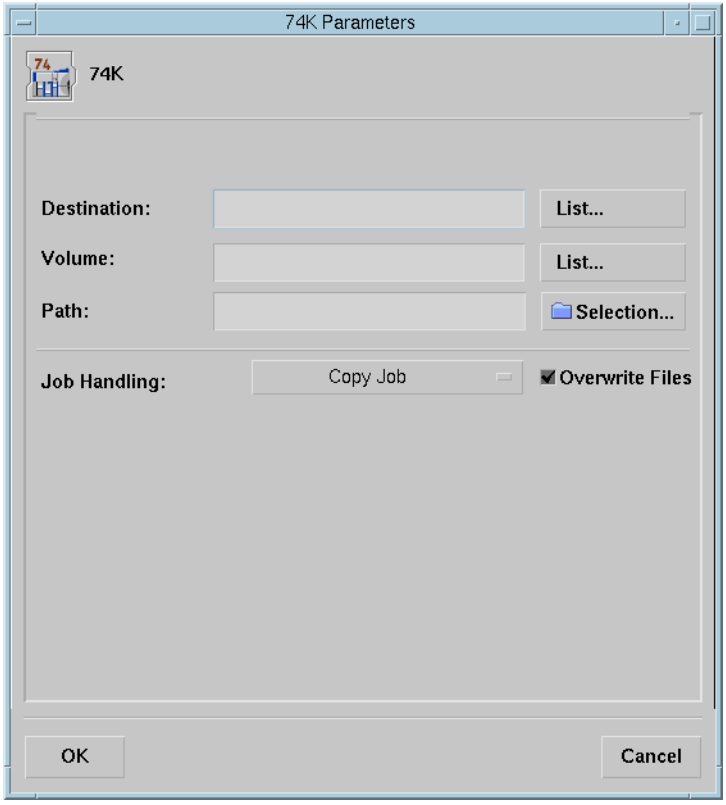
Before you use the Brisque –74 Karat workflow, you may want to set default parameters for the 74Karat operation.

To set default 74Karat parameters:

1. From the **Output** panel of the Brisque Launch Pad, double-click the **74Karat** icon.

   The Template Builder and 74K Parameters dialog boxes are displayed.

2. In the 74K Parameters dialog box, set the following parameters according to your requirement:



a. **Destination:** specifies the name of the host on which the **filename.Store** folder resides. Type the host name, or click the **List** button and then select a host name.

b. **Volume:** specifies the data volume name of the selected Host. Type the volume name, or click the **List** button and then select a volume name.

c. **Path:** specifies the exact location of the **filename.Store** folder. To browse to the location, click the **Selection** button.

d. **Job Handling:** enables you to specify whether the original Job or Imposition Job (and its linked pages) is to be copied or moved to the **filename.Store** folder. You have three options:

Copy Job: copies the Job or Imposition Job (and its linked pages) to the selected folder

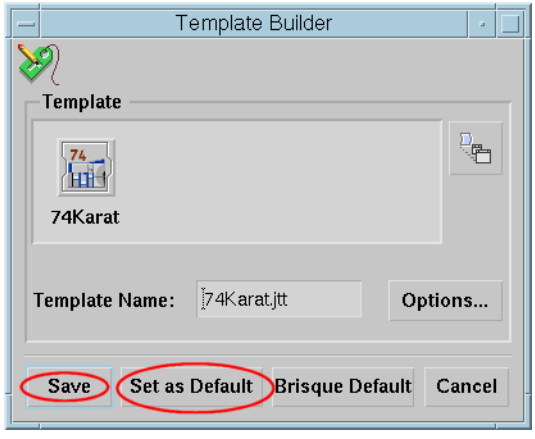
Move Job: moves the Job or Imposition Job to the selected folder. Linked pages are copied to the selected folder.

Move Job and Original Pages: moves the Job or Imposition Job and all its linked pages to the selected folder

e. **Overwrite Files:** when selected, overwrites a file or folder that has the same name as the one you are copying or moving

3. Click **OK**. The 74K Parameters dialog box closes and the Template Builder dialog box stays open.

4. In the Template Builder dialog box, click the **Set as Default** button and then click **Save**.

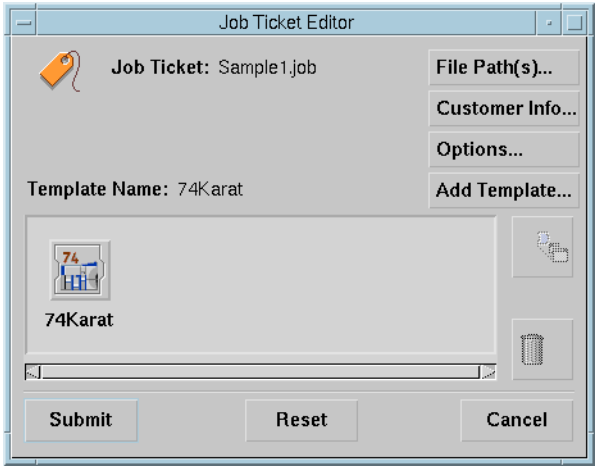


Performing the Brisque–74 Karat Workflow

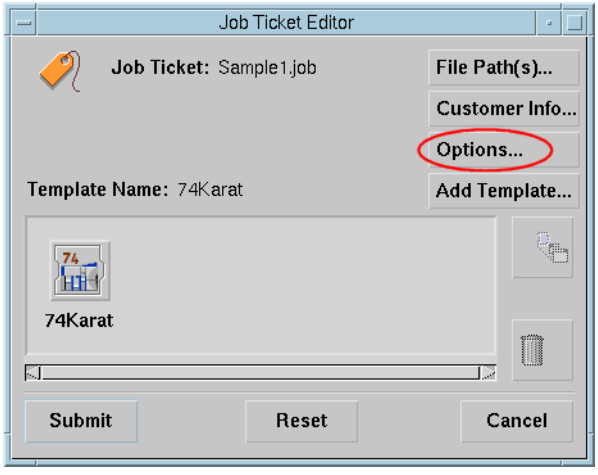
To perform the Brisque–74 Karat workflow:

1. Drag a Brisque Imposition Job or a Brisque Job onto the **74Karat** icon.

   The Job Ticket Editor dialog box appears.

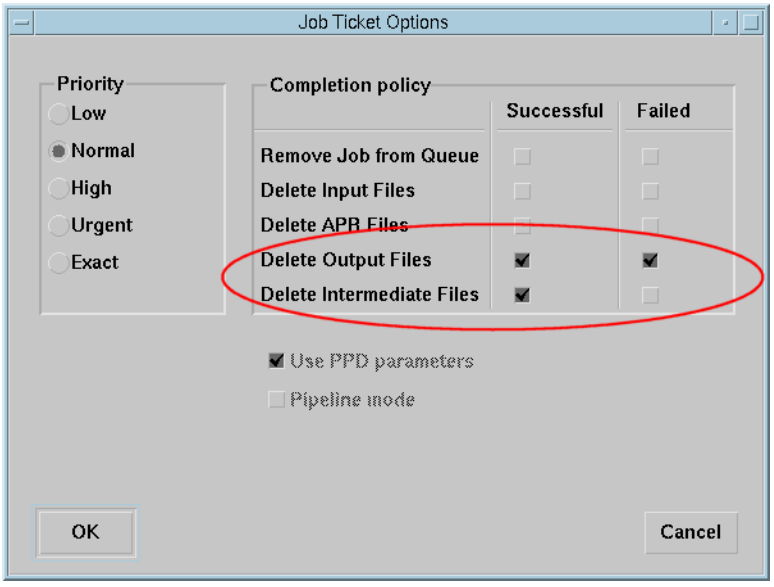


2. In the Job Ticket Editor dialog box, click the **Options** button.



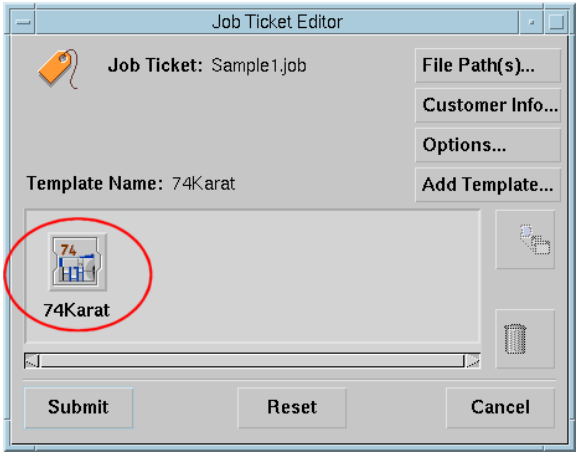
   The Job Ticket Options dialog box appears.

3. In the Job Ticket Options dialog box, select the check boxes as shown below.

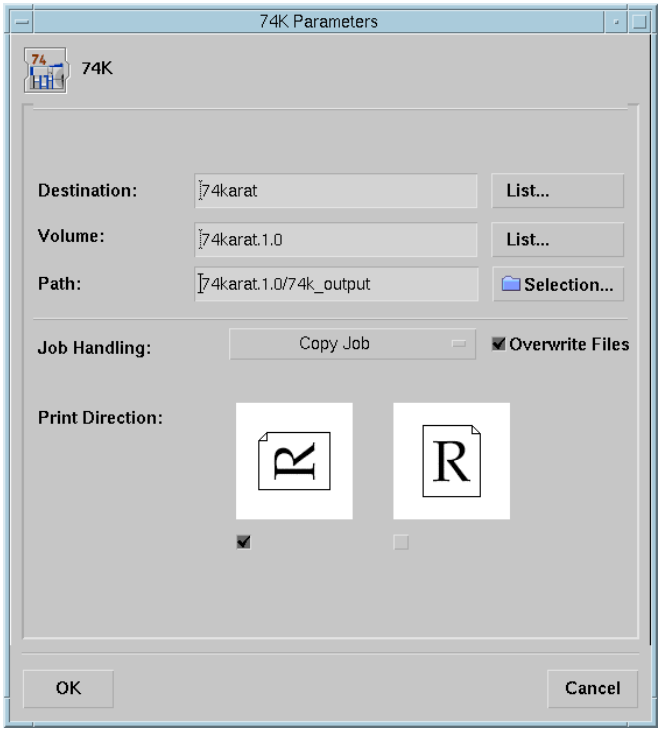


4. Click **OK**. The Job Ticket Options dialog box closes.

5. In the Job Ticket Editor dialog box, double-click the **74Karat** icon.



The 74K Parameters dialog box appears.



Note: The **Print Direction** section appears only after you drag a Brisque Imposition Job or a Brisque Job onto the **74Karat** icon. The section does not appear when you double-click the **74Karat** icon.

6. In the 74K Parameters dialog box, set the Print Direction parameter. This parameter enables you to set the page orientation of the file to be printed by rotating it. In some cases, this option is unavailable. For more information, see *Print Direction Guidelines* on page 12.

Note: If you defined default parameters for the 74Karat operation, the rest of the parameters in this dialog box are already displayed. You may change them or keep the default settings. See page 7 for a detailed explanation of the rest of the parameters and for details about setting default parameters.

7. Click **OK**. The 74K Parameters dialog box closes.
8. In the Job Ticket Editor dialog box, click **Submit**.

   The Job is processed according to the Brisque–74 Karat workflow.

Note: The process is performed in several separate phases (the Store phase is the last phase). You must wait until all phases are complete before you send the job to the 74 Karat digital offset press.

9. After the Store folder is created, copy it to the 74 Karat station (via the Data Management tool of the 74 Karat application), where the selected file will be pooled for imaging.

Print Direction Guidelines

The 74Karat Brisque operation checks the size (length and width) of the job that was sent to the 74Karat Job Ticket. In some cases (as described below) the 74Karat operation automatically sets the orientation for the job with no operator intervention. If required, the job is rotated.

The default printing direction is landscape. If you want to rotate a file by 90 degrees, you can select portrait in the **Print Direction** box. The file will be rotated if its dimensions allow for this rotation.

Depending on the dimensions of the job, the 74Karat Brisque operation enables you to set orientation or performs the following:

- If the image's length and width are both less than 520 mm, you can set the printing direction to landscape  or portrait .
- If the image's length or width is more than 520 mm, the direction is automatically set to landscape.
- If the image's length and width are both more than 520 mm, a message appears notifying you that the image size is too big to be exposed. The Job Ticket fails.
- If the image's length or width are more than 740 mm, a message appears notifying you that the image size is too big to be exposed. The Job Ticket fails.

Known Bugs and Limitations

- In the Template Builder, when you double-click the **74Karat** icon, the 74K parameters dialog box appears. The name of this dialog box should be 74Karat. Also, the icon name in this dialog box should be renamed to 74Karat.
- The **Set as Default** button in the 74Karat operation is not working. When you open the 74karat Job Ticket, change some parameters, and press the **Set as Default** button, the revised parameters do not appear in the Template Builder.
- Imposition orientation in a failed job ticket- When you open a failed 74Karat job ticket from the Queue Manager Detailed View, **Landscape** orientation appears, although **Portrait** orientation was selected originally.
- When you send an Imposition Job to the 74Karat template with a **Landscape** orientation, and then send the same Imposition Job to the 74Karat template with a **Portrait** orientation and the **Overwrite Files** option selected, both the landscape and the portrait pages reside in the **Temp** folder.
- When you drag a Job onto a template that includes the **Preview** and **74Karat** operations, and you open the Job Ticket and select **Portrait** orientation, then close and reopen the Job Ticket Editor, **Landscape** orientation is selected in stead of **Portrait**.
- When you mount a Brisque on another Brisque, and send a Job from the mounted Brisque to the 74Karat operation, rotation will not be performed.

Corrected Bugs and Limitations

- If you run the 74Karat process and it fails, and you open the failed Job Ticket from the Queue Manager, the 74Karat icon is disabled. You have to press the **Reset** button to enter the Job Ticket. (Only completed Job Tickets should be disabled when opening them from the Queue Manager). **Corrected**.
- A completed 74Karat Job Ticket does not appear in the Queue Manager even when the **Remove Job from Queue** option was NOT selected in the **Deletion Policy** parameter. **Corrected**.
- When you send an Imposition Job to the 74Karat operation, and select **Move Job** or **Move Job & Original Pages** in the 74Karat Job Ticket, the Combined CT remains in the 74K_Combine folder. **Corrected**.
- When you run a job without rotation, then run the same job with rotation but without overwriting, after the Fetch and Combine operations, the Store operation fails. If you open the Queue Manager, select **Overwrite** and resubmit, Fetch is not performed, since the **Temp** folder already exists, but the rotated page are not stored. The Store folder contains the landscape Page. **Corrected**.
- Sometimes when you preview a Job that was rotated via the 74Karat operation, gray boxes are displayed instead of the CTs. **Corrected**.

2

Setting Up Communication Between the Brisque and 74 Karat UI Station

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Overview

Setting up the communication between Windows NT (on the 74 Karat User Interface station) and the Brisque workstation involves the following procedures:

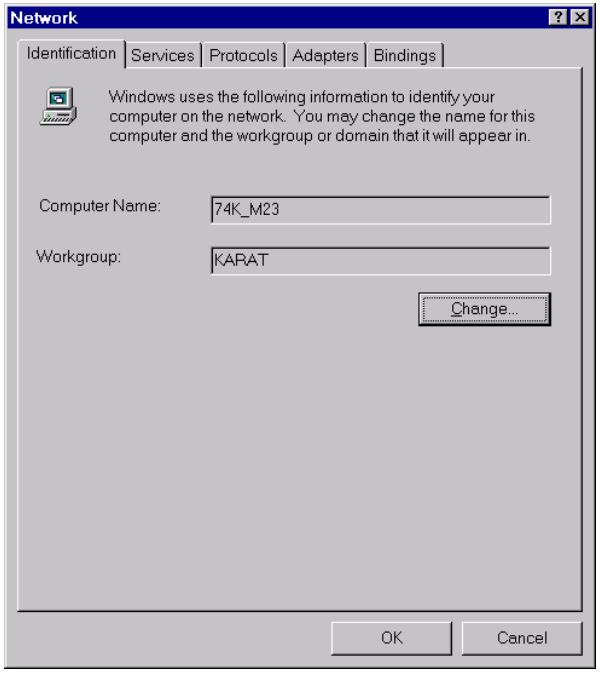
- Configuring the Windows NT network on the 74 Karat UI station
- Specifying the 74 Karat UI station's IP address and name on the Brisque
- Specifying the Brisque IP address and name on the 74 Karat UI station
- Configuring the Brisque for communication with NFS on the 74 Karat UI station
- Verifying network communication from the 74 Karat UI station

Configuring the Windows NT network on the 74 Karat UI station

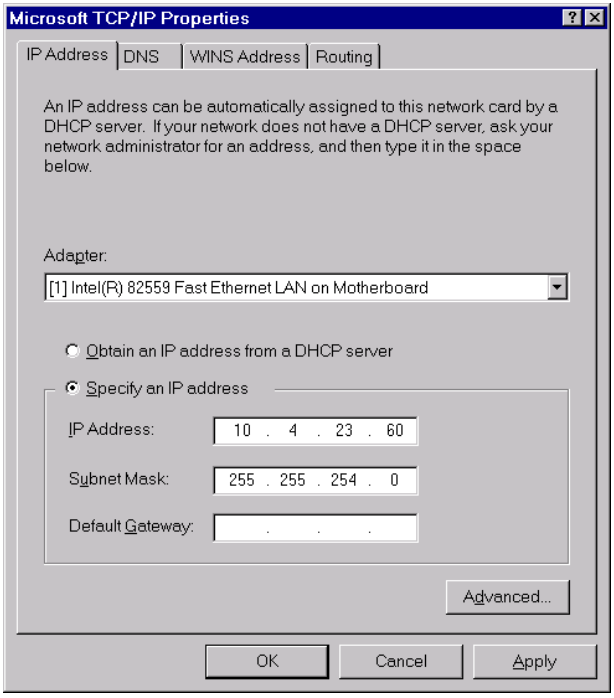


Note: This procedure is optional, as the 74 karat UI station network configuration can be peformed by the site system administrator.

1. On the 74 Karat UI station, select **Start**>**Settings**>**Control Panel.**
2. Double-click the **Network** icon. The Network dialog box appears.



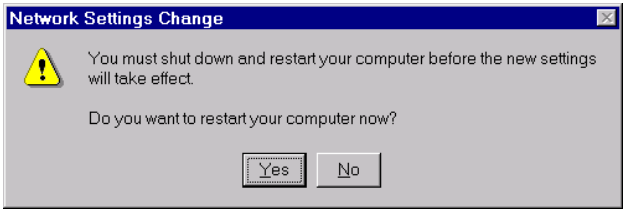
3. On the **Protocols** tab, click the **Properties** button to display the TCP/IP properties.



4. On the **IP Address** tab, select the **Specify an IP address** option.
5. In the **IP Address** and **Subnet Mask** boxes, type the address and mask information as received from the site system administrator.

Note: If the site network uses WINS and DNS network services, ask the site system administrator for support.

6. Click **Apply** and then **OK**.
7. In the Network dialog box, click **CLOSE**. The following message appears.



8. Click **Yes** to restart the computer.

Specifying the 74 Karat UI Station's IP Address and Name on the Brisque

To locate the name and IP address of the 74 Karat UI station:

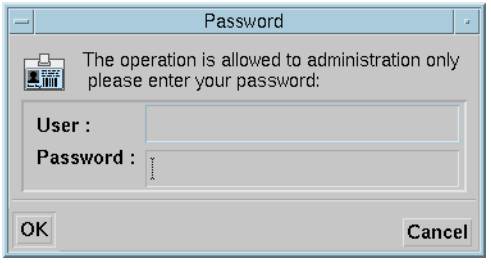
1. On the 74 Karat UI station, select **Start**>**Run**.
2. Type `cmd` and press ENTER.
3. Type `hostname` and press ENTER. The name of the station is displayed.
4. Write down the name of the station.
5. Type `ping<space>[host name]` and press ENTER. The ping report displays the station's IP address.
6. Write down the IP address of the station.

To specify the 74 Karat UI station's name and IP address:



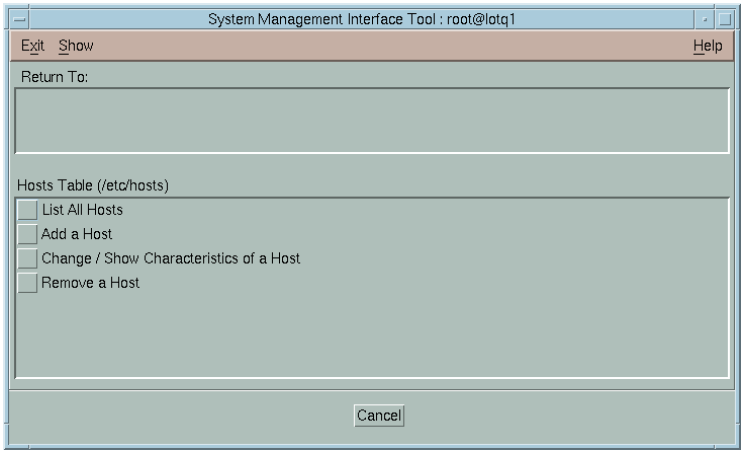
1. From the Brisque Launch Pad, open the **Services** panel and double-click the **Terminal** icon.

   The Password dialog box appears.

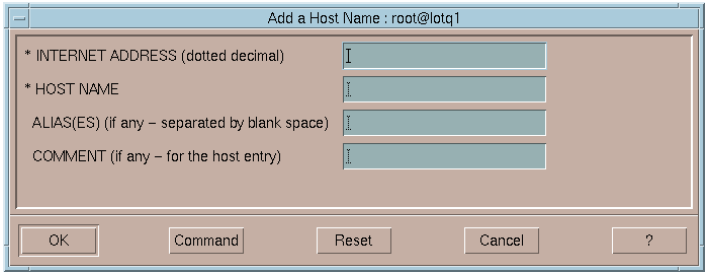


2. In the **User** box, type `root`.
3. In the **Password** box, type `ripro` and press ENTER.

   The tcsh window appears.
4. At the **#** prompt, type `smit hosts` and press ENTER. The following window appears.



5. Select the **Add a Host** option and press ENTER. The Add a Host Name dialog box appears.

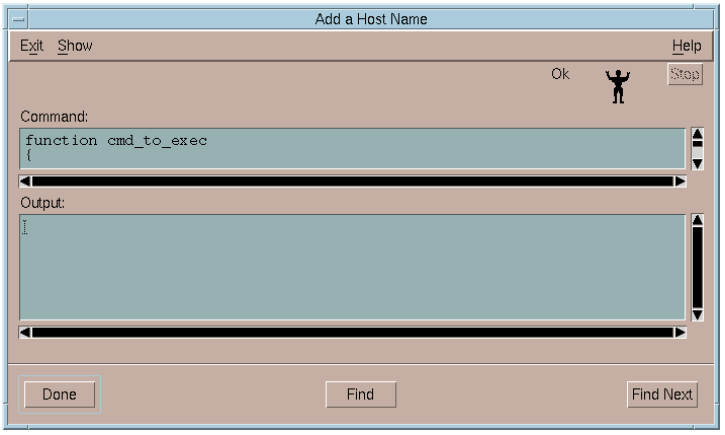


6. In the **INTERNET ADDRESS** box, type the IP address of the 74 Karat UI station.

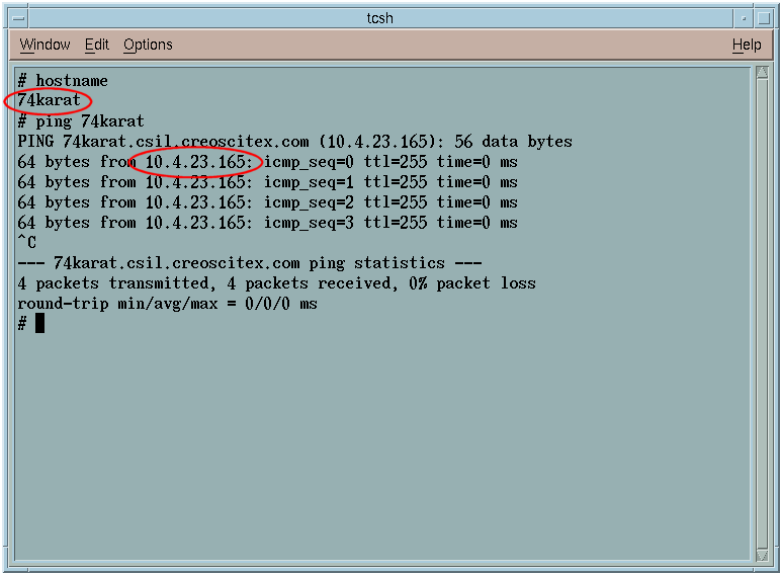


Note: For information about locating the name and IP address of the 74 Karat UI station, see page 18.

7. In the **HOST NAME** box, type the computer name of the 74 Karat UI station and press ENTER. A confirmation window appears.



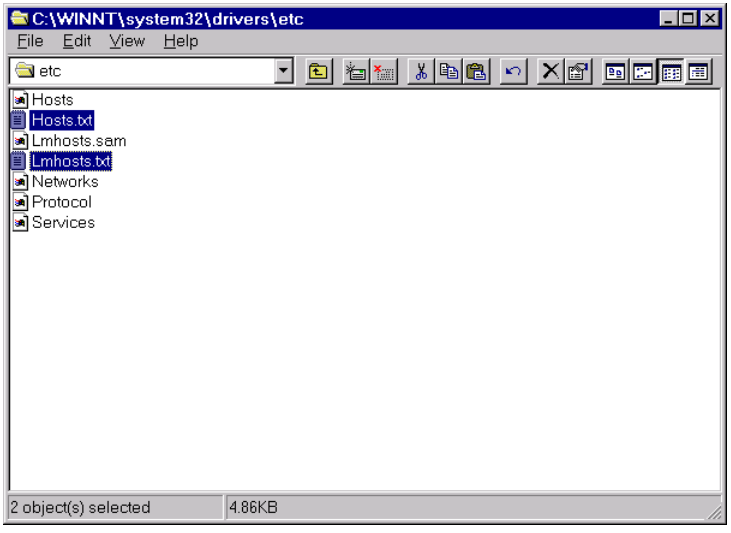
8. Click **Done** to close the confirmation window, then click **Cancel** to close the Add a Host Name dialog box.
9. Press F12 to exit. The tsch window reappears.
10. At the **#** prompt, type `hostname` and press ENTER. The Brisque host name (in our example `74karat`) appears.
11. Type `ping<space>[host name]` and press ENTER. The ping reports start running.
12. Press CTRL+C to stop the ping process.



13. Write down the Brisque host name and the IP address that are displayed in the ping reports (in this example `74karat` and `10.4.23.165`). You will need to specify this data on the 74 Karat UI station (see *Specifying the Brisque IP Address and Name on the 74 Karat UI Station* on page 21).
14. Close the terminal.

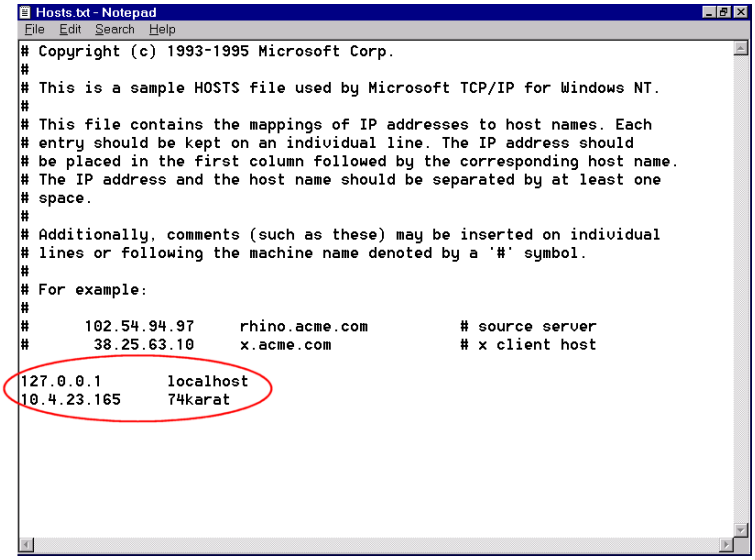
Specifying the Brisque IP Address and Name on the 74 Karat UI Station

1. On the 74 Karat UI station, go to **C:\WINNT\system32\drivers\etc** and find the files **Hosts.txt** and **Lmhosts.txt**.

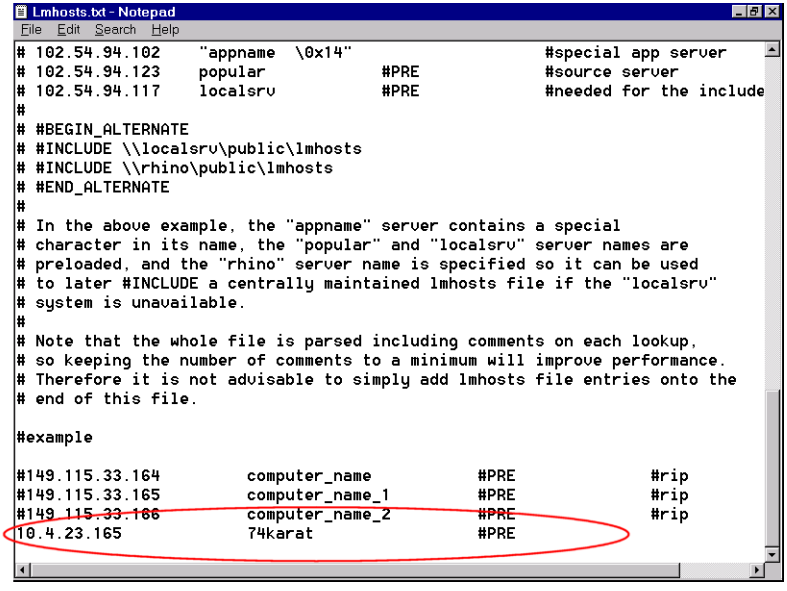


2. Double-click the **Hosts.txt** file to open it in Notepad.
3. Under the localhost IP address (in this example `127.0.0.1`) type the Brisque IP address. Under the string `localhost`, type the Brisque station name.

Note: For information about locating the name and IP address of the 74 Karat UI station, see steps 10 to 13 on page 20.



4. Save the changes you made to the **Hosts.txt** file and close the window.
5. Double-click the **Lmhosts.txt** file to open it in Notepad.
6. Under the IP address (in this example `149.115.33.166`), type the Brisque IP address (without the # sign). Under the string `computer_name`, type the Brisque station name.



7. Type the string #PRE under the existing string #PRE. This is essential to activate the communication between the Brisque and the 74 Karat UI station.

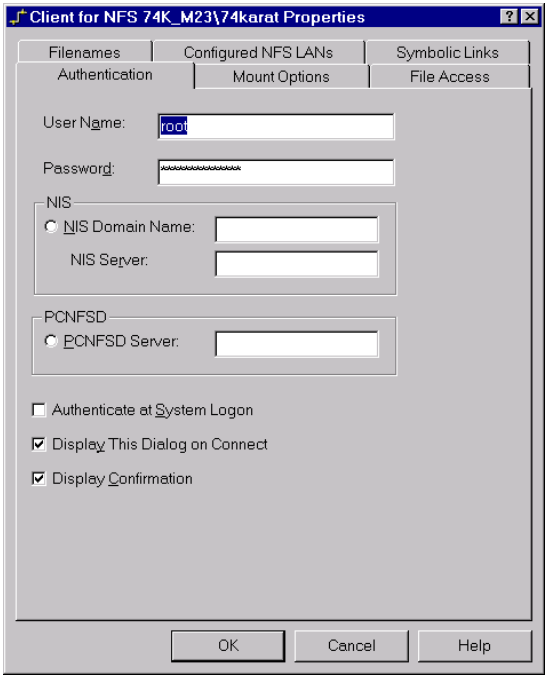
8. Save the changes you made to the **Lmhosts.txt** file and close the window.

Configuring the Brisque in the Client for NFS

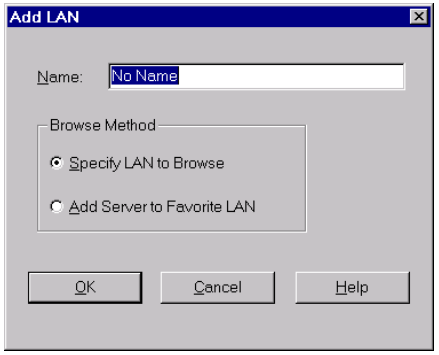
The Brisque needs to be specified in the Client for NFS service to enable the communication between Brisque and Windows NT.

1. On the 74 Karat UI station, select **Start**>**Programs**>**Windows NT Services for Unix**>**Client for NFS**>**Client for NFS Configuration**.

   The following dialog box appears.

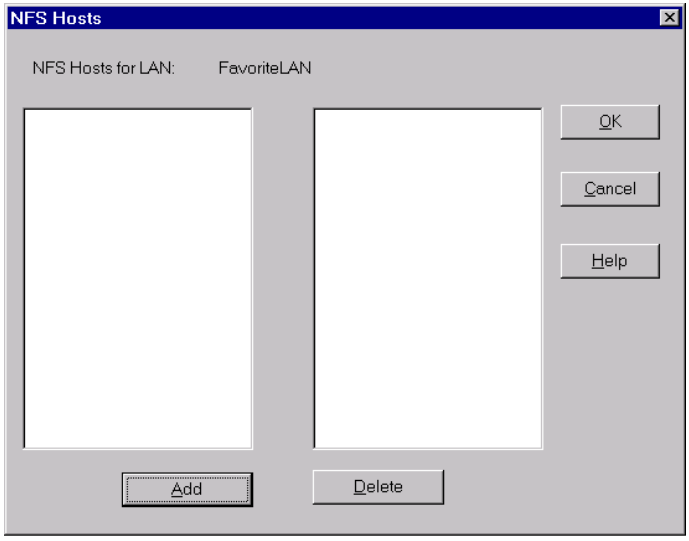


2. On the **Configured NFS LANs** tab, click **Add**. The Add LAN dialog box appears.

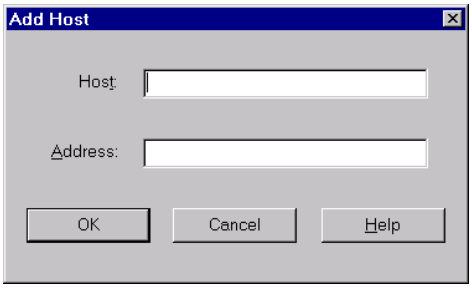


3. Select the **Add Server to Favorite LAN** option and click **OK**.

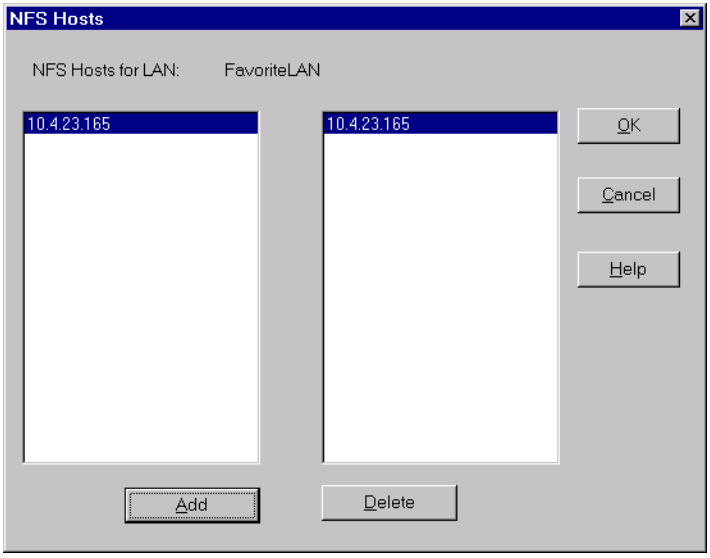
   The NFS Hosts dialog box appears.



4. Click **Add**. The Add Host dialog box appears.



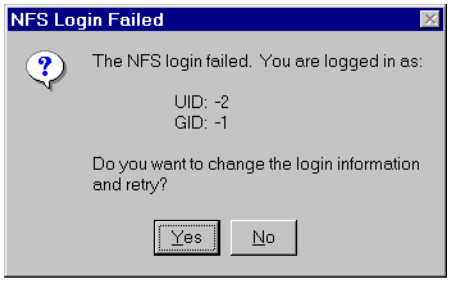
5. In the **Address** box, type the Brisque TCP/IP address (for example `10.4.23.165`).
6. Click **OK**. The defined IP address appears in the NFS Hosts dialog box.



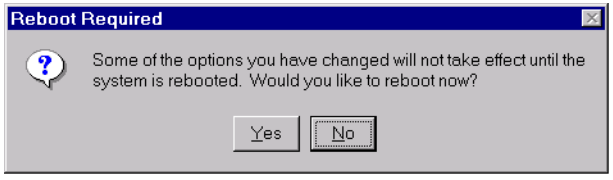
Note: If the site network uses WINS and DNS network services, the left pane automatically displays the Brisque computer name and DNS name

7. Click **OK** to return to the Client for NFS dialog box.

8. Click **OK** to confirm the changes. The following message appears.



9. Click **No** to abort login. The following message appears.



10. Click **Yes** to reboot the system.

Verifying Network Communication

1. On the 74 Karat UI station, double-click the **Network Neighborhood** icon.
2. Double-click **NFS Network**.
3. Double-click **Favorite LAN**. An icon representing the Brisque station appears, denoted by its IP address (not by the computer name).



Note: If the site network uses WINS and DNS services, this icon will be denoted by the Brisque computer name and the DNS name.

4. Double-click the icon representing the Brisque and select a data volume that has content.
5. Double-click the data volume to view its content.
6. If the content of the volume is displayed, the communication setup has been successfully completed.

   If not, repeat the procedure described in *Specifying the Brisque IP Address and Name on the 74 Karat UI Station* on page 21.