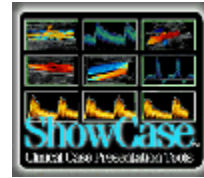


# Quick Steps for Using Network ShowCase to Query/Retrieve Images



Network ShowCase allows you to query DICOM servers for studies and then retrieve selected studies to the computer that is running Network ShowCase. This allows you to transfer images from the server to your office or laptop computer to view them or work with them to make teaching files and PowerPoint presentations. Using a DICOM Network to transfer images is more efficient than exporting studies to CDs or MO disks and walking them to your processing computer.

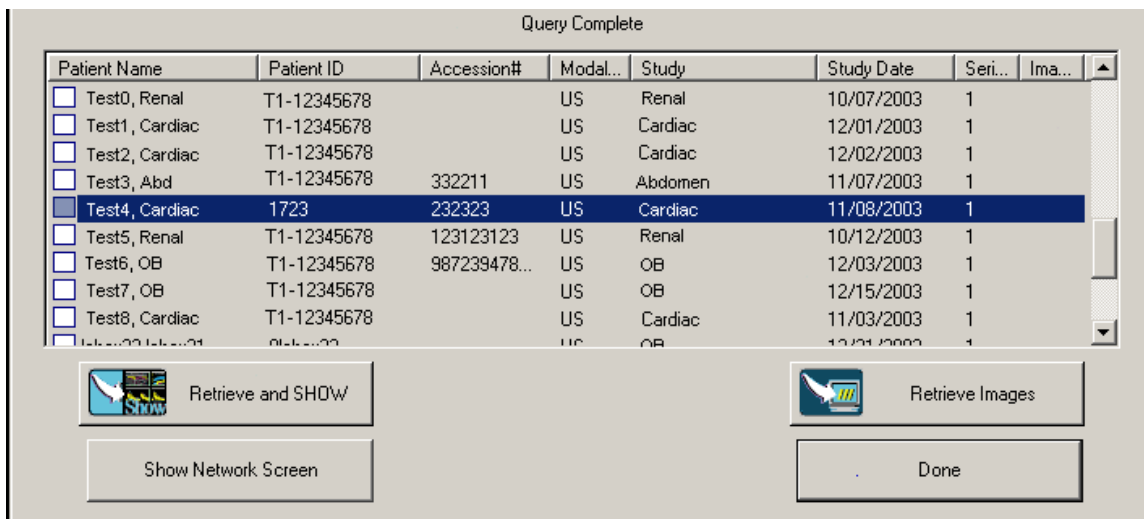
**You will need to have configured your Network ShowCase Computer and your DICOM server to communicate with each other. Configuration instructions are described in a separate document.**



When you ready to copy a study from your server to your Network ShowCase machine, click on the “Network” button in the ShowCase toolbar and the Query Retrieve dialog appears.

A screenshot of the "DICOM Query/Retrieve" dialog box. The window title is "DICOM Query/Retrieve". It features a toolbar with a "Network" icon and a "Setup Query Nodes..." button. The "Node" dropdown menu is set to "DS3000". Below this are several input fields: "Patient" (containing "Test\*"), "Patient ID", "Accession Number", "Modality" (set to "US"), "Study ID", "Start Date" (set to "1/ 8/2004"), and "End Date" (set to "1/ 8/2004"). A "Query" button is located at the bottom right. A note at the bottom left states: "Note-- Use an asterisk (\*) as a wildcard for text fields." The DICOM logo is visible in the top right corner of the dialog.

1. The “Node” should already be pointing to your usual source for images. If you have connections set up to multiple servers (multiple nodes), you can click on the down arrow to select from a node list.
2. Enter the criteria you want to use for your query. You can ask the server to filter return a list filtered by patient name, patient ID, accession number, modality, study ID, or a study date range (Start Date & End Date). Enter as many of the fields as you like. The query finds studies that match ALL of the criteria entered. In the example above, the user is asking for all ultrasound studies performed on patients with the characters “test” at the beginning of their name.
3. Click on the “Query” button to generate a list of matching studies as illustrated below. The status of your query is reported at the top of the study list, so you will know if an error occurred or no matching studies were found.

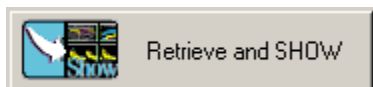


4. Once your server returns the list of matching studies, you can select (click on) one or more studies in the list that you want to retrieve to the local computer.

5. Click on



To transfer the selected image series to your computer without showing the images during the transfer.

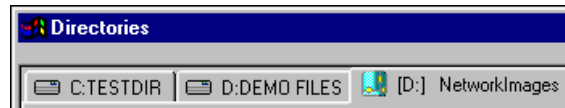


To transfer the selected image series and display them in ShowCase image windows while they are transferring.

6. The studies are transferred to the configured folder on your computer and the files organized and named according to your configuration settings.

7. If you clicked on “Retrieve and Show”, a ShowCase image window comes forward on your screen and the images pop up in the window as they are written to your local disk.

8. If you want to view the images later, you can find them in the ShowCase directories window in the “Network Images” folder (or other folder named in your set up). If the folder is not displayed, you can use the “Browse” button to find it.



**Note:** If you want to monitor the file by file transfer of images to your machine, you can click the “Show Network Screen” button to see the log of files written to your disk. This also gives access to an error log that can help diagnose any problems that arise.

**Note:** You may want to delete transferred images from your Network Images folder when you are finished working with them. This will free up disk space and speed ShowCase startup times. To delete images, go to the directories window, Network Images tab. Then select any studies you are not using and click the Delete button. You can also speed startup times by copying studies to a DICOM directory (shown above as C:TESTDIR and D:DEMO FILES).