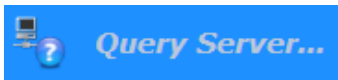


# Query/Retrieve Using ShowCase CONNECT

ShowCase Connect allows you to query DICOM servers for studies and then retrieve the selected studies and store them to a local disk. This allows you to transfer images or structured report data from the server to your office or laptop computer for viewing or making teaching files and PowerPoint presentations. Using a DICOM Network to transfer images can be more efficient than exporting studies to CDs or MO disks and walking them to your processing computer.

**You will first need to configure ShowCase Connect and your DICOM server to communicate with each other. Network configuration instructions are described in a separate document.**



If you are licensed to run the ShowCase Connect component and you have configured “Query Nodes” in the Connect software, you will have a Query Server button at the top of your ShowCase Study List window. When you click on it the Query Retrieve dialog of the Connect component appears.

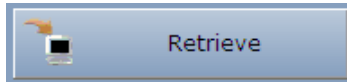
1. The “Node” should already be pointing to your usual source for images. If you have connections set up to multiple image sources, you can click on the down arrow to select from a list of query nodes.
2. Enter the criteria you want to use for your query. You can ask the server to return a list filtered by patient name, patient number (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. Do NOT fill in modality if you want both images and structured reports to transfer together. (Structured Reports have modality SR.)
3. Click on the “Query” button to generate a list of studies that match your criteria as shown below. You can then click on one or more studies you wish to retrieve.

Query Complete					
Patient Name	Patient ID	Accessio...	Mod...	Study	Stu
<input type="checkbox"/> Pediatric,Cardiology	Sequoia222		US	Pediatric	12/
<input type="checkbox"/> Pediatric,Cardiology	HP		US		02/
<input type="checkbox"/> Pediatric,Cardiology	HP		US		02/

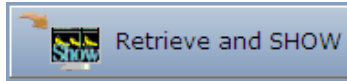
The status of your query is reported at the top of the study list, so you will know if an error occurred or no matching studies were found.

Query error					
Patient Name	Patient ID	Accessio...	Mod...	Study	Study Date

- 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.
- Click on



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

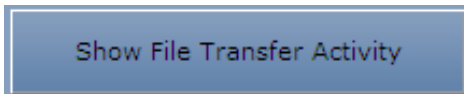


To transfer the selected series and display it in a ShowCase window while the images or data is transferring.

- The studies are transferred to the configured folder on your computer and the files organized and named according to your ShowCase Connect configuration settings.
- If you click on "Retrieve and Show", a ShowCase window comes forward on your screen and the images or measurement data pop up in the window as they are written to your local disk.
- If you want to view the images later, you can find them in the ShowCase directories window in the "Network Images" folder (or folder as named in your set up). If the folder is not displayed, you can use the "Browse" button to find it.



**Troubleshooting:** If you want to monitor the file by file transfer of images to your machine, you can click the "Show File Transfer Activity" 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 update times. To delete images, go to the Study Lists window, NetworkImages tab. Then select any studies you are not using and click the ShowCase *Delete* button. This permanently deletes the data from your disk, so use Delete with care!