

Quick Start: iCRco Clarity Viewer™

Minimum Configuration for Clarity Viewer™ Workstation

2 GHZ Intel Core2Duo CPU

2 GB RAM

200 GB Hard Drive

1280 x 1024 capable video card or 1024 x768 with reduced patient information in the worklist

Diagnostic Quality monitor (two monitors recommended)

Windows XP Pro SP2c


Setting-Up Java

1. Verify that Java 1.6 is installed: Go to *Start Menu* → *Control Panel* → *Java*, then click on the *About* button in the Java Control Panel. Java can be updated from the *Update* tab in the Java Control Panel.




2. If Java is not installed, please go to <http://www.java.com/> to download and install Java 1.6.

Setting-Up the Clarity Viewer

 **Note:** If you are using another browser, the screens will be slightly different, but you should be able to perform the same operation.

1. Open Firefox or Internet Explorer and enter:
`https://IPADDRESS:8443/icrco-viewer/` (Where 'IPADDRESS' is the IP address of the PACS server) into the browser's address bar.

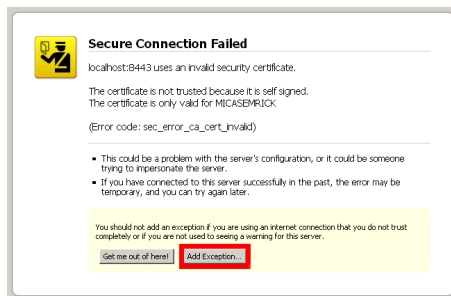
 **Note:** The user can determine the Archive IP address by logging onto the computer that is running the Clarity Archive software, opening a command prompt (on Windows, go to *Start* → *Run*, and in the run dialog, enter `cmd`, then press the **Enter** key. In the Windows command prompt enter `ipconfig`. On Linux, go to *Applications* → *System Tools* → *Terminal*) and in the command prompt enter `ifconfig`, then press the **Enter** key.

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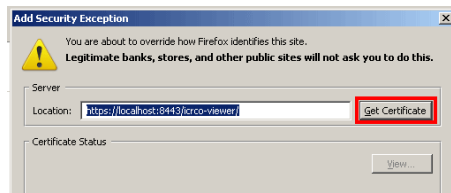
- The Web Server security certificate is checked when launching the Clarity Viewer. Unless you have purchased an official certificate, you will need to add an exception. Click the link: **Or you can add an exception** located near the bottom of the page.



- Firefox will drop down another box. Click the **Add Exception** button.



- A new box will pop up. Click the **Get Certificate** button.

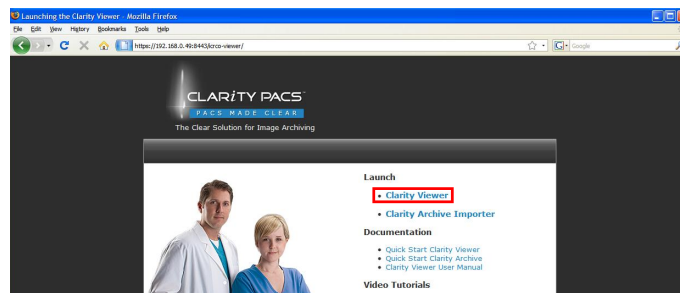


- Click the **Confirm Security Exception** button. Firefox should then reload the web page. If Firefox does not reload the web page, please reload it manually.

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6. Click on the link **Clarity Viewer** to launch the Clarity Viewer.



7. The web browser will download the *launch.jsp* file. Choose to **Open with ... Java Web Start Launcher**.

8. Windows will display a security warning. Please check the box titled **Always Trust Content From This Publisher**, then click **Run**.

9. A new, full screen window will launch. This is the Clarity Viewer application. Enter your User ID and Password when prompted to access the Clarity Viewer.

Displaying Patient Image Data

1. Search for a patient study: Select the desired search filter (e.g., *Everything in Archive) from the pull-down menu in the Search Filter bar. Select *Patient Name* from the pull-down menu in the Patient Search bar and type the first few letters of the patient last name.
2. Select a patient study in the worklist: In the top worklist, single mouse click on a Study (one click) to select it; you should see all of the studies for that patient in lower worklist and the

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thumbnails for the selected Series in the thumbnails pane. Double Click on the Study (two successive clicks) to load the selected Study

3. Use the Worklist and Viewer buttons at the bottom of the window to go back and forth between the Patient Worklist and the Image Viewing windows.

Image Navigation

When in the Image Viewing window:

- Move the mouse over the left side of the screen to make the toolbar appear. From here the user may select the desired image manipulation or annotation tool.
- Move the mouse over the bottom of the screen to make the thumbnails box appear. The user can drag and drop the thumbnails onto the Image Viewing window to load the desired image.
- Click the **Layout** button at the top of the tool bar to display multiple Study Windows per monitor, and multiple Series Windows per Study.
- Use the Linked Cine and Cross-Reference Line tools to navigate CT & MR Studies

Image Measurement & Annotation

When in the Image Viewing window:

- Move the mouse over the left side of the screen to make the toolbar appear, then selected the desired image manipulation tool by mouse clicking on the tool button. The user can: measure distance, angle, Cobb angle and pixel value (Hounsfield Units on CT)
- Move the mouse over the left side of the screen to make the toolbar appear, then select the desired image annotation tool by mouse clicking on the tool button. The user can: draw lines, circles, arrows with and without text.

Preferences

The preferences can be accessed by clicking on the **Configuration** button. This will bring up the *Preferences* dialog. From the *Preferences* dialog the user may configure the parameters related to

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Monitor configuration, Reporting preferences, Annotation type preferences, Compression options, Language & Locale, and Tool options. For a more in-depth discussion of the *Preferences* dialog, please consult the Clarity Viewer User Manual.

