

eRAD PACS Web Viewer

Version 7.2

Table of Contents

Web Viewer	1
Getting Started with the Web Viewer	1
Requirements.....	1
Web Viewer Overview	2
Viewing a Series	3
Toggle Full Screen	4
Toggle Status Bar	4
Opening Studies into the Web Viewer	5
Web Viewer Settings Panel	6
Creating and Managing Layouts	7
Image Area Controls.....	8

Web Viewer

The web viewer available from eRAD PACS v7.2 medley-39 and later includes a number of enhancements and new features.

Getting Started with the Web Viewer

The web viewer displays images in the web browser. Basic tools are available to manipulate the images including scrolling, window/level, magnification, cross sectional references and linear measurements.

Requirements

The web viewer requires some additional browser features.

These include:

- HTML5
- WebGL
- websockets and other web protocols

Compliant browsers include:

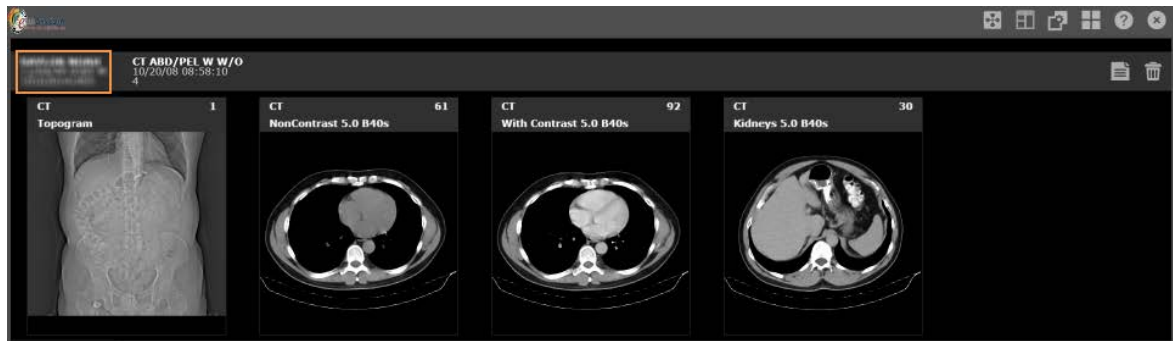
- Mozilla Firefox v12
- Google Chrome v20
- Apple Safari v6 in MAC OS X 10.6
- Opera Presto v2.11

Some items to consider:

- Some browsers might have WebGL or websockets disabled by default and must be enabled before using the web viewer
- When some Internet Explorer versions (e.g., Microsoft Internet Explorer 9, 10) do not support the required technology, the web viewer will attempt to detect the missing component and display a notification
- WebGL requires hardware compliance as well. The workstation's display controller must support WebGL in order for the images to appear in the web viewer.

Web Viewer Overview

Study series are displayed in the web viewer in frames with the first image of the series displayed as a thumbnail.



Study information is found in the upper left corner:

- Patient Name
- Patient DOB, Age, Sex
- Accession Number
- Type of exam
- Date and time of study
- Number of series available

To view the other studies available:

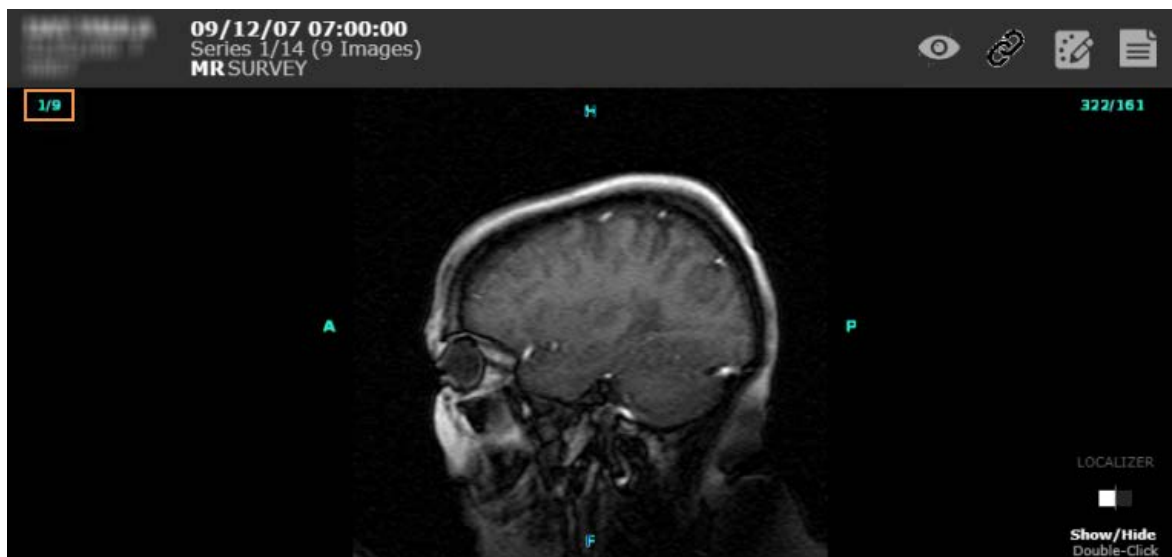
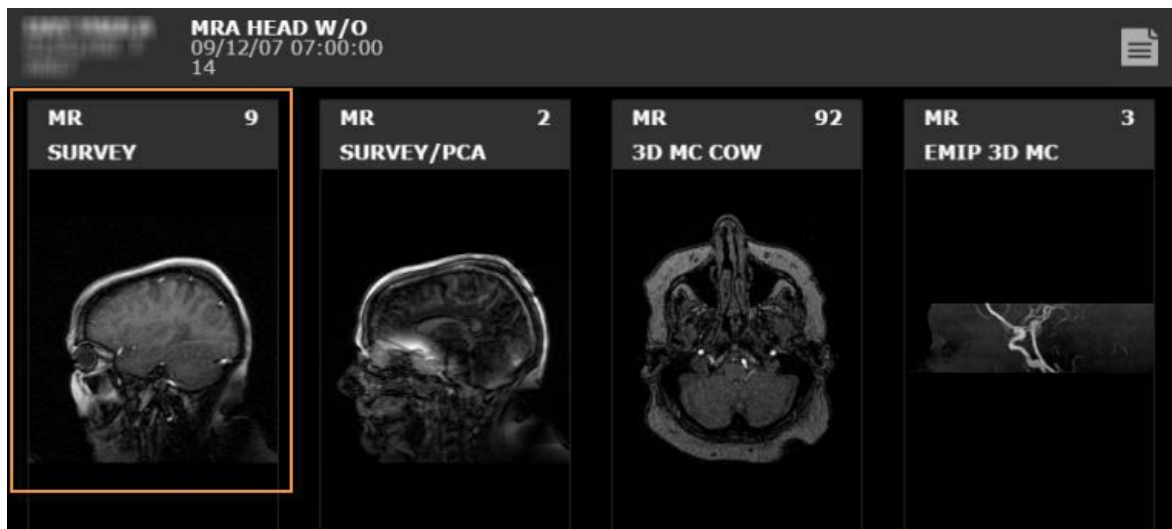
- Drag mouse wheel forward and backward
- Hold left mouse button and drag up and down

Located in the series thumbnail is the modality, type of exam and the number of images in the series.




Viewing a Series


To view an individual series select the thumbnail image to display the series in a frame.



Toggle Full Screen




To enlarge an image or series to full screen, select the *Toggle fullscreen*  icon. Pressing Escape or the icon again will display the image in normal mode. While in full screen mode, most functions eRAD PACS makes available on the mouse (e.g., window/level, panning and zoom) can be applied.

Toggle Status Bar

To display messages regarding the status of an image, select the *Toggle Status Bar*  icon located on the bottom right of the screen.





Icons located in the status bar perform various functions:

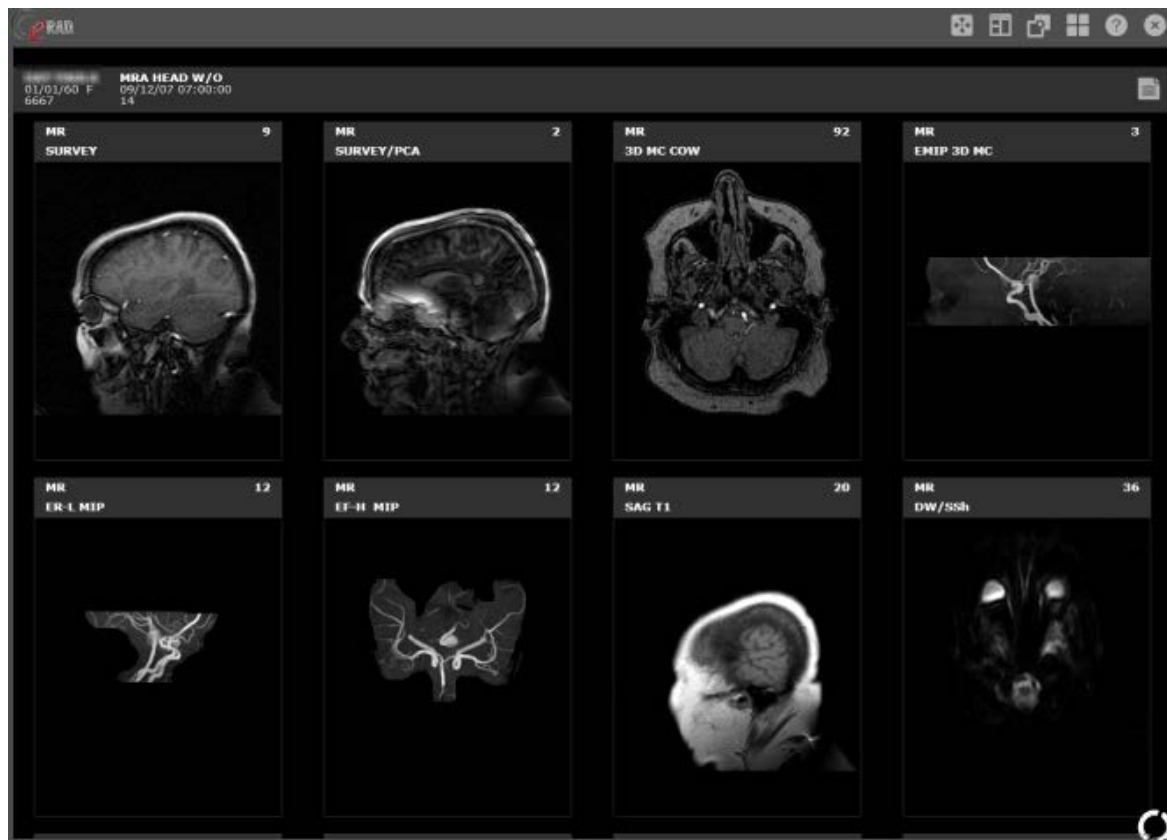
-  - Delete message
-  - Next message
-  - Previous message

Opening Studies into the Web Viewer

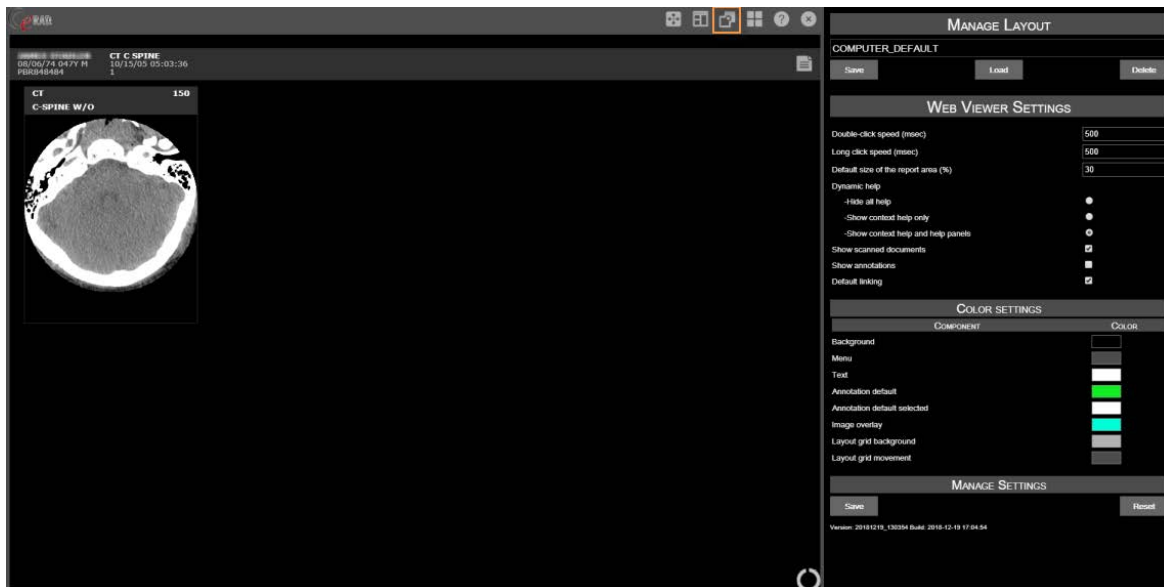
Launch a single study in the web viewer as follows:


1. From the Worklist, click the Quick View button, , for the study.
2. Click the Open Web Viewer button, .

The picture below shows one study open in the viewing area.



Web Viewer Settings Panel




To change the web viewer settings, select the *Toggle Settings Panel*  icon.

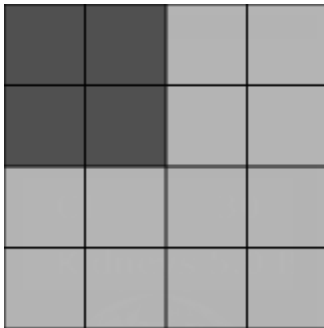
Setting	Default	Description
Double-click speed	500 msec	Multiple clicks within the defined time period are recorded as a doubleclick action.
Long click speed	500 msec	
Default size of the report area	30%	The percentage of the screen allocated to the report when displayed
Dynamic help		Hide all help
		Show context help only
		Show context help and help panels (default)
Show scanned document	Enabled	Include objects tagged as scanned documents in the web viewer

Show annotations	Disabled	Include annotations
Default linking	Enabled	Include linked studies

Creating and Managing Layouts


Users are able to create and manage layouts from the Settings Panel. Frame layouts can also be created and saved under a new customized name.

To change a grid layout select the *Change Window Layout*  icon. Dragging the mouse from the top left corner down will allow the user to draw or define a generic layout for the series frames.



To create a custom layout:

1. Select the *Toggle Settings Panel* icon
2. Click in the layout text area in the *Manage Layout* area
3. Enter a name for the new layout
4. Select *Save*

The new layout will now appear when the *Toggle Layout*  icon is selected.

To change settings in a created layout:

1. Select the *Toggle Settings Panel* icon
2. Select the layout from the dropdown in the *Manage Layout* area
3. Make all necessary changes
4. Select the *Save* tab

Toolbar Controls



View Report
Click Icon



Toggle Pop-Up Help
Click Icon



Close
Click Icon

Double-click the Help Icon to turn on/off pop-up help that automatically shows available features where ever you hover the cursor.

Image Area Controls



Pan
Click+Drag



Zoom
Left & Right-Click + Drag



Window Level
Right-Click + Drag



Scroll
Scroll Wheel or Middle-Click + Drag



Reset Image
Double-Click



Invert Window Level
Right-Double-Click

Image View Mode: Edge and Corner Controls

