



# **Customer Release Notes**

eRAD PACS  
Version 8.0  
Viewer Build 97

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## New Features and Enhancements

### 1. Update viewer on "Next Study"

If the server informs the viewer that a different viewer is configured for use, and the user initiates the next session from the viewer and not the PACS worklist – for example, by using the Next/Previous Study tool – the viewer notifies the launcher to re-launch the viewer, causing the launcher to update it. Note that this only applies to viewers employing the launcher technology. Two cases that do not use the launcher are 1) Evo7 viewers which check for viewer updates when initiating any viewer session, and 2) RIS-driven workflows in which WMI clients manage viewer launching, and viewer-initiated launching tools such as the Next/Previous Study tool are disabled.

### 2. Launch the viewer from WMI client

The tools available to a WMI client for launching and managing the viewer have been enhanced. WMI clients can issue the web service call to launch the viewer with a parameter, cPartner instructing the viewer to notify the WMI client when the viewer is up and running, eliminating the need to poll for runtime status. The feedback is provided through the WMI interface using the new Add partner function. For details, refer to the eRAD PACS Windows Messaging Interface (WMI) Manual.

### 3. Support DeepHealth Density

The viewer supports the DeepHealth Saige-Density SR objects, displaying the case density score in the CAD header and, optionally, in the overlay data using the Breast Composition info tag.

### 4. Notify WMI client about new viewer version

When the server's activity message to the viewer indicates a new(er) viewer is available, the viewer notifies the WMI client using the newversion field of the Getstate message. The viewer issues this command only once for each viewer version number update. The available viewer version number is available in the currentversion field in every WMI's Getstate response message. See details in the *eRAD PACS Windows Messaging Interface (WMI) Manual*.

## Resolved Issues

### 1. Prefetching pump overtaking incorrect locking in some cases

When the user initiates a viewer session (Evo7 only) with the study currently being prefetched, the viewer might unlock the pump manager more than once, causing other threads to unlock prematurely and result in a hang or crash.

### 2. WL preset reloading crash

If an image frame applied a preset window/level value to an image that gets bookmarked, including implicit bookmarks applied when adding late-arriving images to an active session, the viewer might crash when restoring the image because the preset value might be accessed before it is re-initialized.

### 3. Prefetching doesn't download the studies one by one

The viewer might start prefetching the next study before the current study completes. If the number of remaining tasks was zero, the viewer started prefetching the next study, even if the prefetch pump had not completed all those tasks.