Customer Release Notes

eRAD PACS
Version 8.0
Viewer Build 70

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Table of Contents
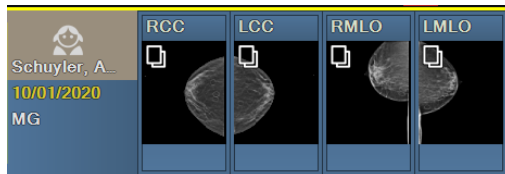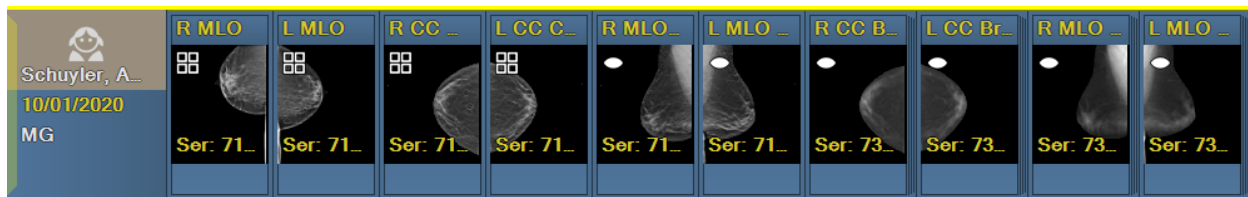
New Features and Enhancements

1. **Thumbnail Grouping**

   To save space in the thumbnail panel, the viewer groups series with the same view together. Grouped thumbnails are marked with a Group icon in the thumbnail image. The grouping rules are modality-specific. Currently, only MG is supported. MG series are grouped by view position and laterality. When grouped, left-mouse click each thumbnail frame to expand the group to see all thumbnails for each series in the group. Double-click the thumbnail frame or drag it to load the series into an image frame. Double-click or drag the group thumbnail frame to load the entire group into an image frame. To ungroup all the series in a study, right click on a group thumbnail and select Ungroup from the popup menu. To customize grouping settings, activate the Layout editor. This adds configuration tools to the right-click menu.

Grouped thumbnails

Ungrouped thumbnails

2. **Use server distributed resource file for localization**

   The viewer loads the resource file corresponding to the user's selected language.

3. **Log event levels**

   Logging levels are available for logging critical events only or all events. Individual settings are available on the Advanced Settings/Logging page in the Options panel. By default, session logging is verbose, crash logs and net dump logging are critical events only and all others are disabled.

4. **Viewer logging behavior**

    All logging features have been reviewed and modified as needed for consistency in application, location of setting and terminology.

Resolved Issues

1. **Crash while user profile parsing**

    When a profile setting was deleted, the viewer might use the wrong setting ID which would remove the wrong setting and if the setting was later added cause the viewer to crash. This has been resolved.

2. **Viewer crashing after study was changed on server message**

    Keep-alive status messages were processed by a transient thread rather than the main thread. Depending on the timing, this thread might not exist, causing the viewer to crash when it attempted to process the status message. This has been resolved.

3. **Magic Glass hard to resize**

    The size of the tool to resize the magic glass panel was unintentionally modified to a very small area. It has been restored. Additionally, a failure to catch a right click event displayed an invalid context panel that would not clear when the user attempted to close it. This has been resolved.

4. **Viewer crash when the Patient Folder was refreshed when the study was released**

    Based on timing, if the viewer attempts to initialize the patient folder's tab title while the session is closing, it might access an empty structure and crash. This has been resolved.

5. **Viewer crash when the viewer received an invalid open info data**

    The session information data might contain information about prior studies that don't actually exist in the pbs file. If the viewer attempted to handle these studies, it would crash. This has been resolved.

6. **Viewer crash when the user tried to reload a study or restore a bookmarked study**

    If the viewer attempted to reload a study, due to a refresh command or from a bookmarked state, after the session has some terminating effect, such as a timeout, the viewer might crash if the study was, technically, no longer available for loading. This might also result in a message indicating the report was empty. This has been resolved.

7. **Viewer crash when the WL tool was used at tiled image frames**

> When the window/level tool was applied to an image frame in tile mode, the starting image was not the first one in the tiled frame, and the user scrolled to the end of the images so an empty tile frame appeared under the cursor, the viewer could crash. This has been resolved.

8. **Viewer crash when an image reported its download progress**

> The viewer didn't check the state of an image when it received a download progress update. If the image was no longer available, eg, the study was being closed, the viewer might crash. This has been resolved.

9. **Viewer can remain inactive waiting for a popup message to clear**

> Some modal (ie, blocking) popup panels could be closed through unsupported keystrokes or mouse clicks without clearing the modal state, leaving the viewer disabled and greyed-out. This has been resolved.

10. **Wrong transaction id in the log for WMI messages**

> Some WMI log entries contained the wrong transaction ID, specifically calls that resulted in a dialog panel. This has been resolved.