Customer Release Notes

eRAD PACS
Version 8.0
Viewer Build 79

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Table of Contents

New Features and Enhancements

1. **Modality-specific context menus**

   Users can configure modality-specific context (right-click) menus that override the configured default context menu. When a user right-clicks on an image frame, the viewer checks for a menu configuration applicable to the modality of the displayed image. If a modality-specific menu is empty, the default context menu pops up. Under the Context Menu location in the toolbar manager panel, select the modality and assign commands. To remove a modality-specific context menu, click the Remove Modality button.

2. **Setting for default cine direction**

   The default cine mode and direction applied at the beginning of each viewer session are configurable. The settings are Default Cine Direction and Default Cine Mode, located on the Frames/View/Image Panel settings page. These settings apply to the frame when the frame is first created. The built-in default direction remains Forward, and mode remains Cyclic.

3. **New Spine labels setting for spatial registration-linked prior images**

   By default, spine labels appear across series in a single study only and are not applied to other studies whose frame of reference is cross-referenced by a spatial registration object. This can be overridden by enabling the *Spine Labels Across Studies* setting in the *Options/Spine* panel to **On**.

4. **Error information available in streaming panel**

   Details about an error, warning or other message incurred while streaming data can be found in the streaming status panel, even when the panel is disabled.

Resolved Issues

1. **Smart fit algorithm failed**

   For very noisy images in which the starting point value change is high, the skin line detection algorithm failed to find a good initialization point, causing the skin line to fail. This has been resolved.

2. **Black background shown when drawing an annotation on inverted breast image**

   An image refresh issue caused annotations and other renderings applied to part of an inverted grayscale image to appear with a black, empty background rather than the image data itself. This has been resolved.

3. **About panel caused viewer hang**

   Users were able to activate the viewer from the system tray when the viewer's About panel was displayed. Since the About panel is modal, activating the viewer on top of it prevented the user from closing it, making the viewer appear frozen. This has been resolved.

4. **Viewer crash during automatic lateral detection of SmartFit calculation**

   When a mammography image was missing a laterality value, which is uncommon but can happen in an edited image object, the viewer miscalculated an offset, causing the viewer to access invalid memory and crash. This has been resolved.

5. **Viewer crash after series split**

   Splitting a series could cause thumbnail grouping to reference an uninitialized structure, causing the viewer to crash. This has been resolved.

6. **ROI tools issue**

   ROI annotations were mishandled, resulting in duplicate mouse handlers and missed updates when the image frame changed (eg, a resized frame). As a result, ROI annotations were not always updated and sometimes caused the viewer to crash. This has been resolved.