



Customer Release Notes

eRAD PACS
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Viewer Build 54

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New Features and Enhancements

1. Notification to the user when trying to upload a presentation state on non-uploaded image

Added support for saving a presentation state for an image that has not been uploaded to the server. When the user creates a presentation state manually, he is prompted to upload the missing image immediately. When the presentation state is created automatically, e.g., when annotating an image, the user is prompted for resolution in the close panel when ending the viewer session.

Resolved Issues

1. URL-encode study parameters sent to the server

Some special characters in patient demographic values were improperly encoded in commands sent to the server. The necessary encoding is now applied.

2. Low impact memory leaks

The viewer was not releasing memory in the following cases: when a CAD object is applied to multiple tomo images; when a compressed image download was interrupted during decompression, when releasing thumbnail panel resources after exiting the viewer. This has been resolved.

3. The viewer process is killed when the user signs off

After initiating the shutdown procedure but before completing, Windows could terminate the viewer causing services (e.g., the cache manager) to get out-of-sync. This has been resolved.

4. Thumbnail Panel UI refreshing is called from thread

Improper thread handling in the thumbnail panel manager could result in a viewer crash when loading studies into a viewer session. This has been resolved.

5. PAAS communication interface doesn't handle cache lock/release functions

The viewer could fail to release the mapping object, preventing the cache manager from reallocating mapped memory when necessary and causing it to crash. This has been resolved.

6. Study notes displayed twice when opened from exported media

Launching a study into the viewer from DICOM media processed the PbR file twice, resulting in two panels for each note entry, if present, and could prevent the viewer from closing. This has been resolved.

7. Viewer window focus shifts after PS window acknowledgement

Acknowledging the prompt to save a presentation state put the viewer window in the background. This has been resolved.

8. Uncompressed image downloading in hybrid streaming

Hybrid streaming, which is optimized for compressed data transfers, was deferring to the auto-detection setting, resulting in the less-efficient uncompressed data transfer when downloading images to the viewer. This has been resolved.