



eRAD RIS

RELEASE ANNOUNCEMENT

Build 4.2025.014

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PUBLICATION HISTORY

Revision	Author	Description
February 28, 2025	Kevin Brooks, Michelle Mahabir / Hilary Saltmarsh	▪ Commercial release.

SUMMARY

Release Announcement

This release of ERAD RIS 4.2025.014 addresses issues displaying PACS v9 streamed images in Connect Portals.

New Features

This release introduces the following features and enhancements:

Category	Redmine #	Subject	Description
Portal Images	36307	Additional Support for PACS SDK Image Streaming	This enhancement to Portal Images provides additional support for PACS SDK Imaging streaming, ensuring continued functionality when failures occur.

Refer to the FEATURE DETAILS section below for configuration and usage information.

Resolved Issues

This release resolves the following issues:

Category	Redmine #	Subject
PACS Image Display	36505	Resolved UM Portal issue when loading streamed PACS images.

FEATURE DETAILS

Portal Images

Feature #36307 – Additional Support for PACS SDK Image Streaming

Summary

This enhancement to Portal Images provides additional support for PACS SDK Imaging streaming, ensuring continued functionality when failures occur.

Background

Previously, the SDK Image streaming would become unresponsive when an error was encountered, with no fallback method to recover the session.

With these changes, the Portals will be more aggressive in monitoring PACS failures, providing a method to recover and fall back to the traditional process of image loading.

Feature Description

These changes are supportive of existing functionality tied to the app configuration, `EnableWebViewer` and the streaming server for PACS v9.

Fall Back Method

When the streaming server encounters an error or becomes unresponsive, the image loading process will fall back to the traditional method, directly calling the PACS server to load the images in a JPEG format.

Displaying an Error Message

When configured, an error message will be displayed when the streaming server encounters an error or becomes unresponsive.

Service Team Upgrade Instructions

No Service Team actions are necessary to deploy this feature; however, optional configuration is available:

Portals

Changes to applicationsettings.config

See also CHANGES TO PARAGRAPHCONFIG LOOKUP TABLE.

- Optionally, set `EPWebAppErrorImageLoading` for desired Portal(s)
- Default: `Image`
 - When set to `Image`, the image loading will revert to the existing functionality and the load the images in JPEG formatting if an error should occur.
 - When set to `Error`, the images will not load, and the user will see the configured error message based on the new paragraph config settings.

Configuration Instructions

No System Administrator actions are necessary to enable this feature; however, optional configuration is available.

RIS Client

Changes to ParagraphConfig Lookup Table

- Optionally, adjust the text of the new `RPPACSSDKStreamErrorLoading` and `PPACSSDKStreamErrorLoading` messages.

VERSION DETAILS

Code Stream

The following source code branches have been merged into this release:

