



eRAD RIS

CUSTOMER RELEASE NOTES

Build v3.2022.6.6

UPDATED JULY 25, 2022

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Publication History

Revision	Author	Description
June 15, 2022	Kevin Brooks / Hilary Saltmarsh	<ul style="list-style-type: none"> ▪ Commercial release.
July 25, 2022	Kevin Brooks	<ul style="list-style-type: none"> ▪ Correction to Who Is Affected version.

SUMMARY

Intended Audience

The intended audience for this CUSTOMER RELEASE NOTES document is the RIS Administration team for all eRAD RIS customers.

This document describes the purpose, configuration, and operation of new features made available with this release, identifies issues resolved in the release, and highlights any unresolved known limitations.

This information should be used by all customers to determine how these changes affect their organization's workflow, and to plan their organization's upgrade strategy for eRAD RIS.



There is no separate SERVICE RELEASE NOTES edition of this document.

Who Is Affected

This release of ERAD RIS v3.2022.6.6 includes both feature enhancements and a variety of resolved issues.

Notable enhancements are the addition of support for viewing multi-frame images and the ability for Referring Physician to Specify ICD Codes when scheduling on the portal. Additionally, this update includes variety of defect resolutions and some performance enhancements.

This version is recommended to be applied on ERAD RIS v3.2022.5.9 installations.



Pleased carefully review these release notes even if your system will not be upgraded immediately, to identify and communicate any issues that may affect your organization.

NEW SETTINGS

Summary of all settings that were added, updated, or removed.

Portals

Changes to applicationsettings.config

NEW FEATURES

Provider Images

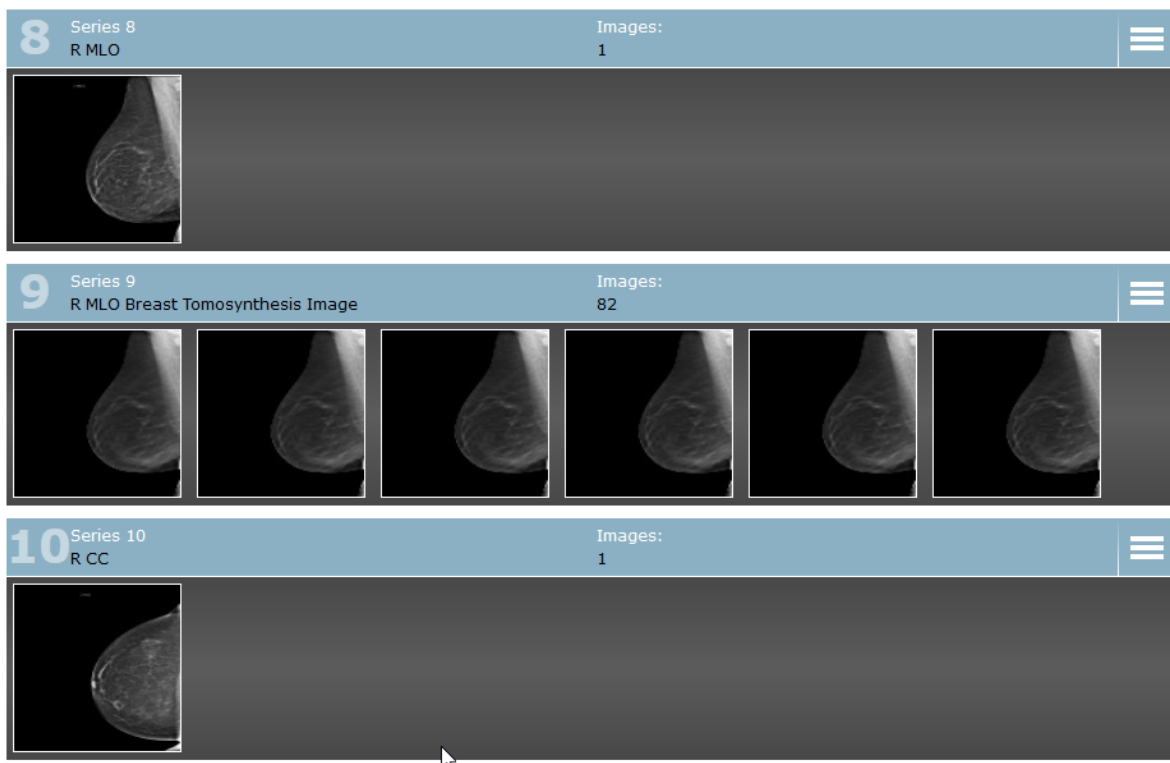
Feature #31249 - Portal Quick View support for multi-frame images

Summary

This enhancement to Provider Images introduces the ability for Portal Quick View to display multi-frame images.

Previously, the RIS Portal Quick View assumed all PACS objects contained a single image. However, this is not always the case, as some image standards (such as MG Tomosynthesis) support multi-frame objects.

With this change, both the full and web viewers will now display all frames of images in a series. The count of the images in the series now reflects the number of frames; for example, a series with 1 image with 82 frames will display a count of 82.



CLICK THE "HAMBURGER" MENU (ON THE RIGHT) FOR A SERIES TO SEE THE ADDITIONAL IMAGES.

Configuration Instructions

No System Administrator actions are necessary to enable this feature.

Provider Portal

Feature #31405 - Ability for Referring Physician to Specify ICD Codes

Summary

This enhancement to Provider Portal introduces the ability to capture ICD10 diagnosis codes during scheduling on the portal.

Previously, entering ICD10 codes was supported from the RIS Client, but the Provider Portal only supported a free form Reason for Exam field at the Order Level. However, there are many workflows that require an ICD10 code in order to automate processes.

With this change, the Provider Portal now allows users to enter the Primary Diagnosis Code (ICD10) code for the exam, and optionally, additional ICD10 codes as well as an optional reason for order freetext field.

When searching for ICD10 codes, a minimum of 3 characters (configurable by the Service Team) must be entered.

Note: If this is a medical emergency, call 911. If this exam requires an immediate or SIAI appointment, [Please cont](#)

Code	Description	Keyword	Action
F25.1	Schizoaffective disorder, depressive type		Delete
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity		Delete

MULTIPLE DIAGNOSIS CODES CAN BE SELECTED.

When no ICD10 code is entered, the What is the reason for your order? freetext field is required.

X-Ray Abdomen

Code	Description	Keyword	Action
H02.402	Unspecified ptosis of left eyelid		Delete
H05.402	Unspecified enophthalmos, left eye		Delete
H10.402	Unspecified chronic conjunctivitis, left eye		Delete

What is the reason for your order?

Unspecified ptosis of left eyelid
 Unspecified enophthalmos, left eye
 Unspecified chronic conjunctivitis, left eye

THE REASON IS OPTIONAL WHEN THE PRIMARY ICD IS SPECIFIED.

As expected, these values can be viewed and edited from the RIS Client. When multiple ICDs are entered, the Primary ICD will be mapped to the **first** position for the Study Level Indication Codes, with any additional ICD codes listed after that primary code.

Configuration Instructions

Service Team assistance is required to enable this feature.

RESOLVED ISSUES AND KNOWN LIMITATIONS

Resolved Issues

This release resolves the following issues:

Redmine #	Subject
28336	Resolved Alerts issue where the Alert Generator was causing silent errors when scheduling.
28444	Resolved Insurance Eligibility issue where distributed transactions related to Multiple Service Type Requests returned an error.
28921	Resolved Registration issue where the ICD button will return an error after using the Black X to change the study.
29144	Enhances Scheduling performance in RIS when scheduling multiple procedures.
29233	Resolved Insurance Management issue where entering a zipcode updates the Country with City Name in the Patient Insurance Dialog
30314	Resolved Provider Admin Portal issue where the Account page returned an error when the physician had no referring practices or affiliations.
30569	Resolved Provider Orders Page issue where the Refresh icon on the Orders tab in was unresponsive.
31207	Resolved IVT / Precert issue where the Pre-Cert Status was not updating when the Carrier was updated from the Manage Policies screen.
31360	Resolved Provider AUC workflow issue where AUC was not triggering in the Provider Portal.
31373	Enhanced Database performance by adding procedure-modality index.
31401	Resolved Worklists issue where some items did not drop off the Inbound Document Worklist when processed.
31758	Resolved Insurance Management issue where the insurance card icon was not updated after associating insurance card to front/back.
31869	Resolved Lookup Tables issue where opening studies would return an error when there were inactive entries in the Finding LUT.
31934	Resolved PACS issue where viewing multiple studies in a chart failed after previous images were closed.
31984	Resolved Good Faith Estimate issue where GFE didn't always reflect the actual ATC.
32139	Resolved Marketing issue where a Referring with multiple addresses could not have the same Referring Practice.
32153	Resolved Radiology Reporting issue where accessing the Accession window returned an error.
32154	Resolved Scheduling issue where scheduling with exam-level attachments returned an error.
32157	Resolved Scanning issue where duplicate attachment entries were appearing (including cleanup of historical records).
32158	Resolved Scanning issue where a patient-level attachment scanned on one procedure was not displayed on the other procedure in a multi-procedure scheduling workflow.
32205	Resolved Scheduling issue where rescheduling a UM bypassed split order returned an error.
32207	Resolved Scheduling issue where scheduling failed when the MRN exceeded 16 characters.
32230	Resolved Alerts issue where alerts using ICD codes were not working.
32238	Resolved Alerts issue where Alert Configuration was generating excessive calls.
32244	Resolved Insurance Management issue where verifying insurance returns an image recognition error on the card.

Redmine #	Subject
32296	Resolved Good Faith Estimate issue where adding an attachment created a second GFE.


















New Known Limitations

No new known limitations were identified with this release.

VERSION DETAILS

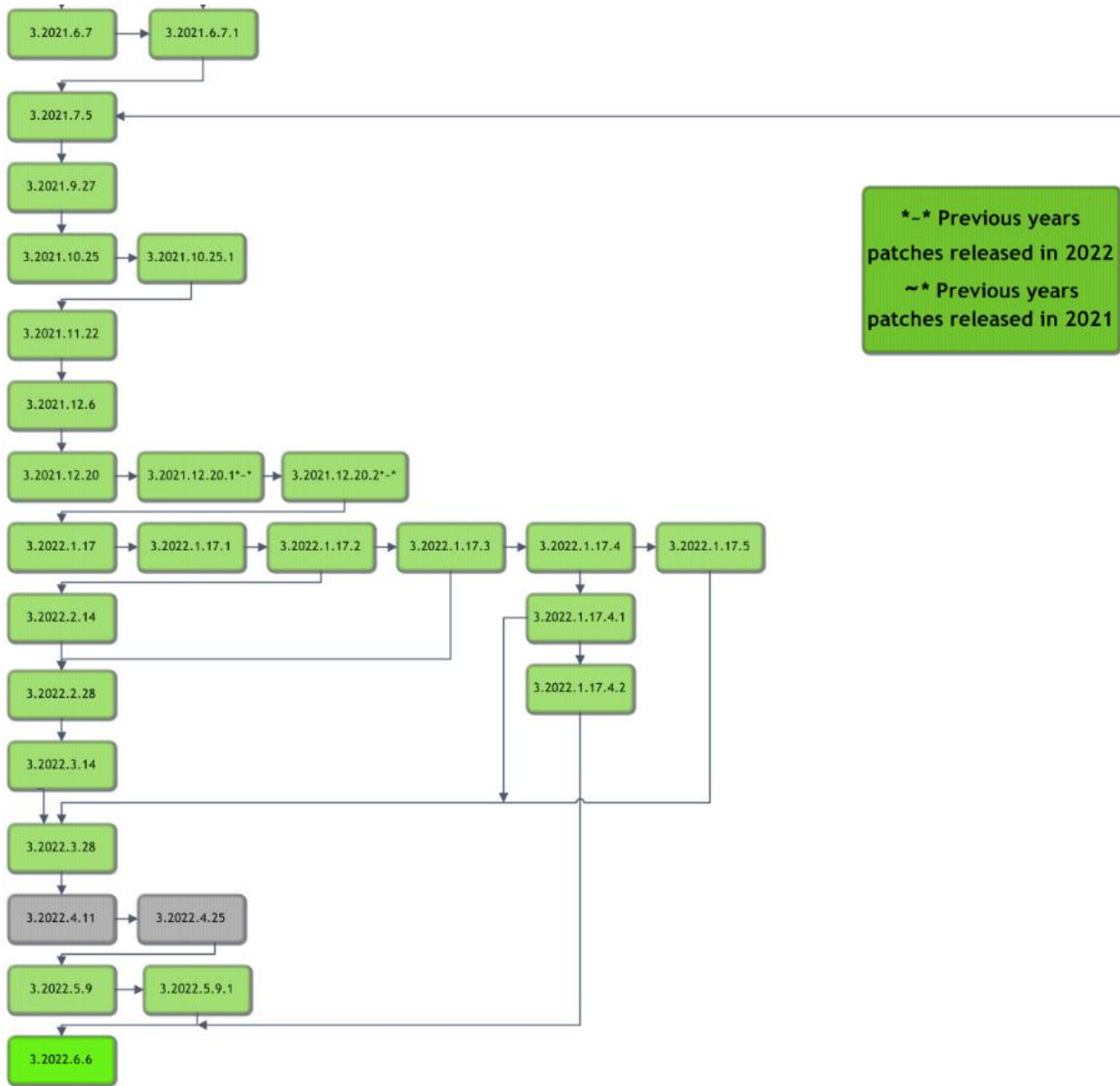
Package Contents

The release package includes the following folders:

 @Hotfixes	4/20/2012 8:51 AM
 _Documentation	6/14/2022 9:22 AM
 _ReleaseNotes	6/14/2022 2:14 PM
 Client Application	6/14/2022 9:21 AM
 DB	6/14/2022 9:21 AM
 External WebAPI	6/14/2022 9:21 AM
 Identity Service	6/14/2022 9:21 AM
 Management Reports	6/14/2022 9:21 AM
 PACS Citrix Bridge	6/14/2022 9:22 AM
 RIS Service	6/14/2022 9:21 AM
 Service Tools	6/14/2022 9:23 AM
 Web Digital Forms	6/14/2022 9:21 AM
 Web Patient Connect	6/14/2022 9:22 AM
 Web Referring Connect	6/14/2022 9:22 AM
 Web UIM Connect	6/14/2022 9:22 AM
 Build_2022.6.6.zip	6/14/2022 9:24 AM
 RISServerMasterCert.pfx	3/31/2016 1:38 PM

Code Stream

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



LEGEND:

- Light Green = Previously Released software
- Gray = Internal version, non-release version
- Bright Green = Current Release

eRAD RIS Release Version Numbers

The following table details the version identifiers for components in this release:

Build	Patch	UI Version	Core Version	WS Version	DB Version	Digital Forms	Patient Portal	UM Portal	Provider Portal	Notes
2021.7.5	-	3.21.7.5(3GB)	3.21.7.5	3.21.7.5	3.21.07.5.002970391	3.21.7.5	3.21.7.5.0.1266	3.21.7.5.0.1266	3.21.7.5.0.1266	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.9.27	-	3.21.9.27(3GB)	3.21.9.27	3.21.9.27	3.21.9.27.003025038	3.21.9.27	3.21.9.27.0.1280	3.21.9.27.0.1280	3.21.9.27.0.1280	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.10.25	-	3.21.10.25(3GB)	3.21.10.25	3.21.10.25	3.21.10.25.003071251	3.21.10.25	3.21.10.25.0.1317	3.21.10.25.0.1317	3.21.10.25.0.1317	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.10.25	1	3.21.10.25.1(3GB)		3.21.10.25.1		3.21.10.25.1				Portals
2021.11.22	-	3.21.11.22(3GB)	3.21.11.22	3.21.11.22	3.21.11.22.003102803	3.21.11.22	3.21.11.22.0.1346	3.21.11.22.0.1346	3.21.11.22.0.1346	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.6	-	3.21.12.6(3GB)	3.21.12.6	3.21.12.6	3.21.12.6.003112661	3.21.12.6	3.21.12.6.0.1352	3.21.12.6.0.1352	3.21.12.6.0.1352	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.20	-	3.21.12.20(3GB)	3.21.12.20	3.21.12.20	3.21.12.20.003133170	3.21.12.20	3.21.12.20.0.1360	3.21.12.20.0.1360	3.21.12.20.0.1360	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.20	1	3.21.12.20.1(3GB)	3.21.12.20.1	3.21.12.20.1	3.21.12.20.103170667	3.21.12.20.1	3.21.12.20.1.1366	3.21.12.20.1.1366	3.21.12.20.1.1366	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.12.20	2	3.21.12.20.2(3GB)	3.21.12.20.2							GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.1.17	-	3.22.1.17(3GB)	3.22.1.17	3.22.1.17	3.22.1.17.003185028	3.22.1.17	3.22.1.17.0.1382	3.22.1.17.0.1382	3.22.1.17.0.1382	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.1.17	1	3.22.1.17.1(3GB)	3.22.1.17.1	3.22.1.17.1		3.22.1.17.1				GUI and Web Services
2022.1.17	2	3.22.1.17.2(3GB)	3.22.1.17.2							GUI only
2022.1.17	3	3.22.1.17.3(3GB)	3.22.1.17.3	3.22.1.17.3						GUI and Web Services only
2022.1.17	4	3.22.1.17.4(3GB)	3.22.1.17.4							GUI only
2022.1.17	4.1	3.22.1.17.4.1(3GB)	3.22.1.17.4.1							GUI only
2022.1.17	4.2	3.22.1.17.4.2(3GB)	3.22.1.17.4.2	3.22.1.17.4.2	3.22.1.17.4.203367866					GUI only, Web Services and DB
2022.1.17	5	3.22.1.17.5(3GB)	3.22.1.17.5	3.22.1.17.5						GUI and Web Service
2022.2.14	-	3.22.2.14(3GB)	3.22.2.14	3.22.2.14	3.22.2.14.003205179	3.22.2.14	3.22.2.14.0.1394	3.22.2.14.0.1394	3.22.2.14.0.1394	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.2.28	-	3.22.2.28(3GB)	3.22.2.28	3.22.2.28	3.22.2.28.003233569	3.22.2.28	3.22.2.28.0.1403	3.22.2.28.0.1403	3.22.2.28.0.1403	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.3.14	-	3.22.3.14(3GB)	3.22.3.14	3.22.3.14	3.22.3.14.003266996	3.22.3.14	3.22.3.14.0.1410	3.22.3.14.0.1410	3.22.3.14.0.1410	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.3.28	-	3.22.3.28(3GB)	3.22.3.28	3.22.3.28	3.22.3.28.003295497	3.22.3.28	3.22.3.28.0.1428	3.22.3.28.0.1428	3.22.3.28.0.1428	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.4.11	-	3.22.4.11(3GB)	3.22.4.11	3.22.4.11	3.22.4.11.003326062	3.22.4.11	3.22.4.11.0.1436	3.22.4.11.0.1436	3.22.4.11.0.1436	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.4.25	-	3.22.4.25(3GB)	3.22.4.25	3.22.4.25	3.22.4.25.003341901	3.22.4.25	3.22.4.25.0.1441	3.22.4.25.0.1441	3.22.4.25.0.1441	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.5.9	-	3.22.5.9(3GB)	3.22.5.9	3.22.5.9	3.22.5.9.003343130	3.22.5.9	3.22.5.9.0.1450	3.22.5.9.0.1450	3.22.5.9.0.1450	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.5.9	1	3.22.5.9(3GB)	3.22.5.9							GUI Only
2022.6.6	-	3.22.6.6(3GB)	3.22.6.6	3.22.6.6	3.22.6.6.003381845	3.22.6.6	3.22.6.6.0.1469	3.22.6.6.0.1469	3.22.6.6.0.1469	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms