eRAD RIS

CUSTOMER RELEASE NOTES

Hotfix Build 3.2022.8.1.2

UPDATED OCTOBER 12, 2022

Table of Contents

Publication History

Revision	Author	Description
October 12, 2022	Kevin Brooks / Hilary Saltmarsh	▪ Commercial release.

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.*

Release Content

This hotfix release of ERAD RIS 3.2022.8.1.2 includes one feature that addresses a document distribution issue with network printers that is needed to proceed with electronic lay letter implementation, and resolves several urgent database performance and UI issues.

> *Please 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.*

Who Is Affected

This version is recommended to be applied on ERAD RIS V3.2022.8.1.1 installations.

> *Note that the functionality of this release has not yet been merged forward into any other release.*
>
> *Please carefully review the code stream diagram of any future releases before deploying to ensure that the functionality of this release will not be lost when upgrading.*

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Page 3 of 10

NEW SETTINGS

No settings were added or updated with this release.

NEW FEATURES

Document Distribution

Feature #32681 – Support legacy EMF format for Network Printers

Summary

This enhancement to Document Distribution adds a new column to the Network Printer Lookup to allow selected printers to maintain support for the legacy EMF format when printing.

Feature Description

Previously, print jobs for Lay Letters were sent in an EMF file format (Enhanced Windows Metafile). With the introduction of electronic Lay Letters and Good Faith Estimates, where we want to keep a record of exactly the way the letter looked at time of distribution, a new process was introduced where the print job is sent as a TIFF file.

However, some existing printers are integrated with Pitney Bowes software that performs address verification analysis (as well as some intelligent grouping of letters based on where they are being sent in order to reduce mailing costs) prior to printing, and the new TIFF file format is not compatible with the Pitney Bowes software.

With this change, a new `Requires Emf Flag` column has been added to the `NetworkPrinter` Lookup Table that will revert print jobs to use the previous EMF format. For any printers that utilize the Pitney Bowes software, this value should be set to `Y`. This will indicate that the distribution job should ignore the static scanned document version of the document and instead send the EMF format. This extra step is only relevant to Lay Letters and Good Faith Estimates.

Note that it is possible that the substantive content of a Good Faith Estimate could change between the time of printing vs what was saved in the Distribution History. For example, a change to a procedure or billing code may change to the Amount to Collect (although this change would also trigger a revised GFE). Template changes could also cause a discrepancy, which could be avoided by ensuring that any Print GFE jobs are printed prior to deploying a template change.

Known Limitations

The following significant limitations have been identified and should be communicated to affected users:

- EXPECTED BEHAVIOR BY DESIGN (FROM #32681)
  - **Issue**: There is a risk that the format and content of documents at the time of printing may be different than what is saved in the Distribution History.
  - **Impact**: The content of a Lay Letter could change based on, e.g.,
    - A change to the form template made during the time the letter is waiting to print, although template changes are infrequent and typically minor.
    - A change to the patient's age or sex, if this change is entered in RIS during the period of time that the letter is waiting to print. In this case, RIS would have record of the change

to age/sex having occurred which can be used to explain what had happened if a minor discrepancy were to come to light.

- A change to the BI-RADS, Recommendation, or Breast Density, although these data elements would only be changed via an addendum, which would also trigger a replacement Lay Letter.

o **Workaround**: Deploying template changes after any queued letters are printed would minimize the impact of template changes on the content of the letter.

Carefully review all Known Limitations identified here and in the release notes of all other versions being applied and communicate relevant items to all those affected.

Configuration Instructions

System Administrators must complete the following actions to enable this feature:

RIS Client

Changes to NetworkPrinter Lookup Table

- Set the `Requires Emf Flag` column to `Y` for any printers that utilize the Pitney Bowes software.

RESOLVED ISSUES AND KNOWN LIMITATIONS

Resolved Issues

This release resolves the following issues:

Redmine #	Subject
32892	Resolved Inbound Document issue where creating a new order from the Inbound Document WL returned an error.
32894	Enhanced Database performance by adding database indexes for Scanned Document Image Recognition tables.
32919	Resolved Thick Client UI issue where text box input was very slow due to repeated IVT Rule execution.
32932	Resolved Log Control UI issue where display of a log text box caused RIS to freeze.
32966	Resolved IVT / Precert issue where When opening Attachments from the IVT screen returned an error.
32973	Resolved Database issue where adding an order item indication returned an error.

New Known Limitations

No new known limitations were identified with this release.

VERSION DETAILS

Package Contents

The release package includes the following folders:

_Documentation	10/11/2022 5:02 PM
_ReleaseNotes	10/12/2022 4:48 PM
Client Application	10/11/2022 5:02 PM
DB	10/11/2022 5:02 PM
External WebAPI	10/11/2022 5:02 PM
Identity Service	10/11/2022 5:02 PM
Management Reports	10/11/2022 5:02 PM
RIS Service	10/11/2022 5:02 PM
Service Tools	10/11/2022 5:02 PM
Web Digital Forms	10/11/2022 5:02 PM
Web Patient Connect	10/11/2022 5:02 PM
Web Referring Connect	10/11/2022 5:02 PM
Web UM Connect	10/11/2022 5:02 PM
Build_2022.8.1.2.zip	10/11/2022 5:03 PM
RISServerMasterCert.pfx	3/31/2016 1:38 PM

Note that unlike a typical release package, this hotfix release package contains only the subset of files necessary to complete the update.

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Page 8 of 10

Code Stream

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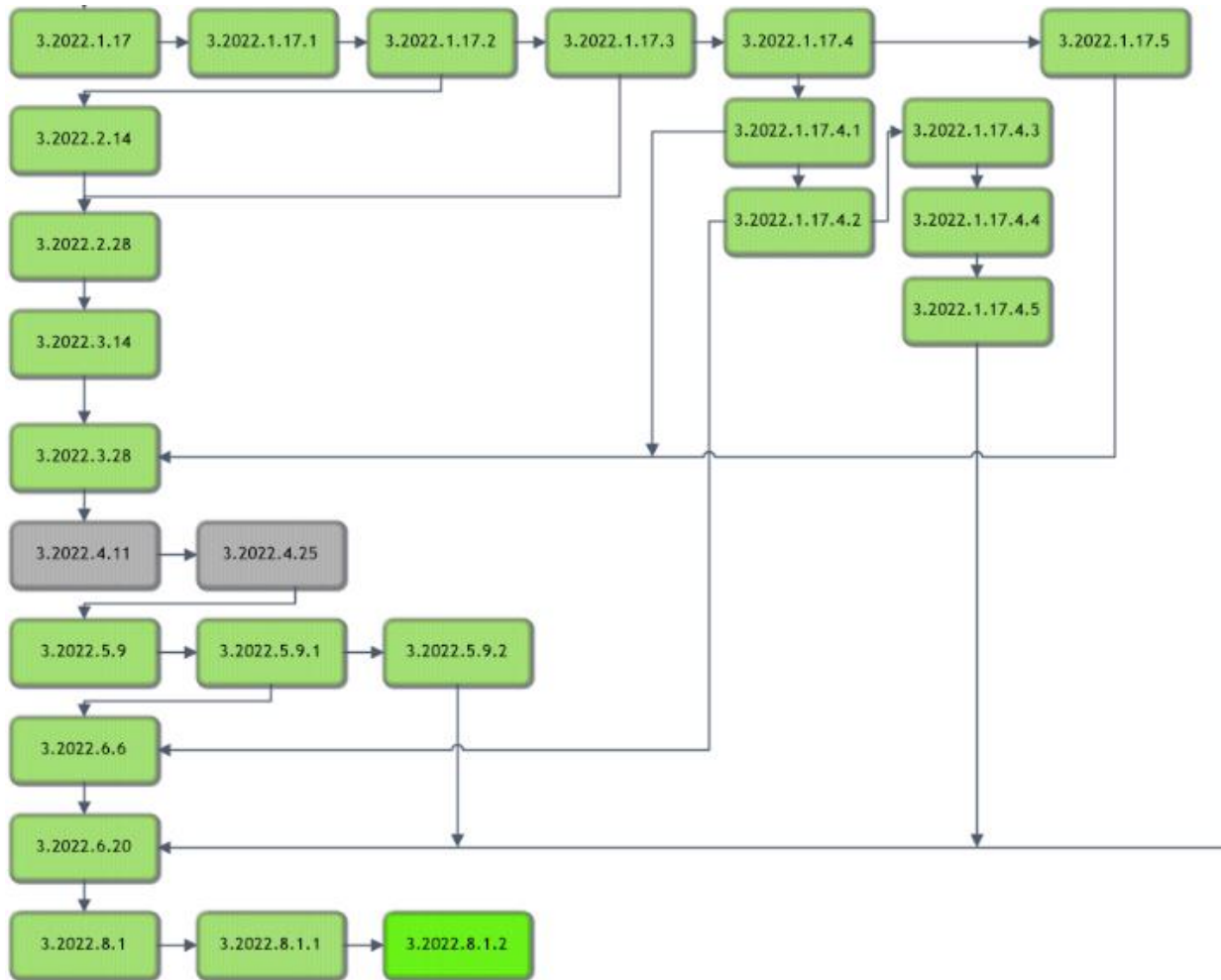
LEGEND:

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

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Page 9 of 10

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
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
2022.1.7	4.3						3.22.1.17.4.3	3.22.1.17.4.3	3.22.1.17.4.3	Portals only, first rapid release
2022.1.7	4.4	3.22.1.17.4.4(3GB)	3.22.1.17.4.4	3.22.1.17.4.4			3.22.1.17.4.4	3.22.1.17.4.4	3.22.1.17.4.4	GUI, Web Services and Portals
2022.1.7	4.5	3.22.1.17.4.5(3GB)	3.22.1.17.4.5							GUI
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	3.22.5.9.1(3GB)	3.22.5.9.1							GUI Only
2022.5.9	2	3.22.5.9.2(3GB)	3.22.5.9.2	3.22.5.9.2			3.22.5.9.2	3.22.5.9.2	3.22.5.9.2	GUI Web Services and Portals
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
2022.6.20	-	3.22.6.20(3GB)	3.22.6.20	3.22.6.20	3.22.6.20.003432703	3.22.6.20	3.22.6.20.0	3.22.6.20.0	3.22.6.20.0	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.8.1	-	3.22.8.1(3GB)	3.22.8.1	3.22.8.1	3.22.8.1.003455261	3.22.8.1	3.22.8.1	3.22.8.1	3.22.8.1	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2022.8.1	1	3.22.8.1.1(3GB)	3.22.8.1.1	3.22.8.1.1						GUI, Web Services,
2022.8.1	2	3.22.8.1.2(3GB)	3.22.8.1.2	3.22.8.1.2	3.22.8.1.203553632					GUI, Web Services and DB