eRAD RIS

CUSTOMER RELEASE NOTES

Build v3.2021.7.5

UPDATED SEPTEMBER 14, 2021

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Publication History

Revision	Author	Description
September 14, 2021	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.*

Who Is Affected

This special release of ERAD RIS v3.2021.7.5 merges all the content of our RIS v2018.3 releases into this version. This single combined release now includes all the features and functionality only available in that previously separate codestream.
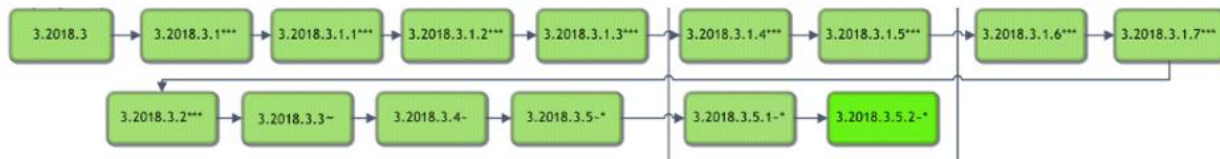
THE COMPLETE RIS V2018.3 CODE STREAM HAS BEEN MERGED INTO THIS RELEASE.

Going forward, it is anticipated that all customers will upgrade to this new version, and all new development will be based on this codestream.

While no significant new features were developed and only a small number of defects were resolved specifically for this release, it does incorporate a significant amount of content from the merged releases, as documented in a separate Combined Release Notes document.

This version is recommended to be applied on ERAD RIS V3.2018.3.5.2 or V3.2021.6.7.1 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.*

Related Documentation

Please review the separate ERAD RIS COMBINED CUSTOMER RELEASE NOTES FOR V3.2018.3 THROUGH V3.2018.3.5.2 document for details, which re-publishes the following documents:

- eRAD RIS Customer Release Notes 3.2018.3 through 3.2018.3.3.pdf
- eRAD RIS Customer Release Notes 3.2018.3.4.pdf
- eRAD RIS Customer Release Notes 3.2018.3.5.0.pdf
- eRAD RIS Customer Release Notes 3.2018.3.5.1.pdf

- eRAD RIS Customer Release Notes 3.2018.3.5.2.pdf

Service Team

Also available to the Service Team is a separate ᴇRAD RIS Cᴏᴍʙɪɴᴇᴅ Sᴇʀᴠɪᴄᴇ Rᴇʟᴇᴀsᴇ Nᴏᴛᴇs ғᴏʀ ᴠ3.2018.3 ᴛʜʀᴏᴜɢʜ ᴠ3.2018.3.5.2 document for details, which re-publishes the following documents:

- eRAD RIS Service Release Notes 3.2018.3 to 3.2018.3.3.pdf
- eRAD RIS Customer Release Notes 3.2018.3.4.pdf
- eRAD RIS Service Release Notes 3.2018.3.5.pdf
- eRAD RIS Customer Release Notes 3.2018.3.5.1.pdf
- eRAD RIS Customer Release Notes 3.2018.3.5.2.pdf

NEW SETTINGS

In addition to the following settings introduced with this release, please review the separate Combined Release Notes document for additional settings, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.

RIS

Changes to Access Strings

The following settings were added or updated with this release:

Setting	Default	Purpose
Flag.PreApprovalOnFile	Value=[None|Full], Default=[Full]	Displays the "PreApproved Payment On File" flag. Added in v3.2021.6.7 #29943
Flag.PreApprovalRequired	Value=[None|Full], Default=[Full]	Displays the "PreApproved Payment Expected" flag. Added in v3.2021.6.7 #29943

These two settings were introduced in v3.2021.6.7 #29943, but not did not appear in the release notes, which have now been revised.

Additional RIS Access String settings are published in a separate Combined Release Notes document, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.

Changes to SysConfig Settings

The following settings were added or updated with this release:

Setting	Default	Purpose
EIS_EMROrderUpdatesEnabled	Value=Boolean, Default=[FALSE]	When True the interface will return an exception if a 3rd party system attempts to update a scheduled EMR order via the interface without enabling the auto cancel functionality on the message itself, all other order updates will be accepted. When False any attempt to update an EMR order, scheduled or not, will result in an audit entry and ignoring of any changes. Added in v3.2021.7.5 #30131

Additional RIS System Config settings are documented in a separate Combined Release Notes document, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.

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Other

⚠️ *Additional configuration settings are documented in a separate Combined Release Notes document, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.*

NEW FEATURES

In addition to the following features introduced with this release, please review the separate Combined Release Notes document for additional functionality, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.

Build

Feature #29995 – Merge 18.3.5 to 2021 Codestream

Summary

In 2018, the RIS v2018.2 and v2018.3 versions diverged. While the 2018.3 version was updated with a limited number of features and functionality specific to select regions or customers, the 2018.2 version became the primary codestream for delivering most new functionality.

This release merges these two parallel codestreams, representing three years of development. Review the CODE STREAM section below and the separate Combined Release Notes document for additional details.

Going forward, it is anticipated that all customers will upgrade to this new version, and all new development will be based on this codestream.

Interfaces

Feature #30131 – Configurable support for updating orders via the interface

Summary

This minor enhancement to Interfaces merges EMR functionality into this release as was updated in v3.2021.2.15 for the new EMR framework, and introduces a new configuration option for enabling the functionality introduced with FEATURE #23948 – SUPPORT UPDATING A SCHEDULED ORDER VIA THE INTERFACE introduced in v3.2018.3.1.

A new `EIS_EMROrderUpdatesEnabled` RIS System Config setting has been introduced to control whether the interface will permit updates to EMR orders to be processed or just ignored completely. This setting defaults to `False`, and only customers upgrading from v3.2018.3.x that were previously using this functionality will need to enable this system config. All other customers can leave it disabled to maintain the EMR behavior provided in v3.2021.3.15 release.

Usage

Scenarios and expected outcomes:

1. Sending an order update to a non scheduled EMR order
   1. EIS_EMROrderUpdatesEnabled = False:
      1. error not thrown, audit entry created
   2. EIS_EMROrderUpdatesEnabled = True:
      1. update accepted, no "error" audit entry
2. Sending an order update to a non scheduled non-EMR order
   1. EIS_EMROrderUpdatesEnabled is irrelevant
   2. Update will be accepted and applied
3. Sending an order update to a scheduled EMR order
   1. EIS_EMROrderUpdatesEnabled = False:

1. error not thrown, audit entry created, attributes irrelevant
        2. EIS_EMROrderUpdatesEnabled = True:
        3. if auto_cancel_scheduled_studies and auto_cancel_reason_code are specified: update accepted, no exception, studies cancelled
        4. if attributes not provided: update rejected, exception thrown
    4. Sending an order update to a scheduled non-EMR order
        1. EIS_EMROrderUpdatesEnabled is irrelevant
        2. if auto_cancel_scheduled_studies and auto_cancel_reason_code are specified: update accepted, no exception, studies cancelled
        3. if attributes not provided: update rejected, exception thrown

Configuration Instructions

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

RIS Client

Changes to RIS System Configuration Settings

- If upgrading from v3.2018.3.x and utilizing the functionality introduced with FEATURE #23948 – SUPPORT UPDATING A SCHEDULED ORDER VIA THE INTERFACE, then enable `EMROrderUpdatesEnabled` for your site.

The following related settings were added or updated:

Setting	Default	Purpose
EIS_EMROrderUpdatesEnabled	Value=Boolean, Default=[FALSE]	When True the interface will return an exception if a 3rd party system attempts to update a scheduled EMR order via the interface without enabling the auto cancel functionality on the message itself, all other order updates will be accepted. When False any attempt to update an EMR order, scheduled or not, will result in an audit entry and ignoring of any changes. Added in v3.2021.7.5 #30131

Other

⚠️ *Additional previously released Features are documented in a separate Combined Release Notes document, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.*

RESOLVED ISSUES AND KNOWN LIMITATIONS

In addition to the following items introduced with this release, please review the separate Combined Release Notes document for additional items, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.

Resolved Issues

This release resolves the following issues:

Redmine #	Subject
30354	Resolved Worklist Filtering issue where sorting the Activity Log returned an error.
30359	Resolved Performance issue where Autosave feature was contributing to a memory leak in radiologist screens.
30610	Resolved eRAD Editor issue where Hebrew sentences were distorted when dictating in English mode.
30638	Resolved Thick Client GUI issue where switching environments sometimes resulted in displaying incorrect studies on worklists.

⚠️ *Previous Resolved Issues are documented in a separate Combined Release Notes document, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.*

New Known Limitations

No new known limitations were identified with this release.

⚠️ *Previously identified Known Limitation are documented in a separate Combined Release Notes document, which re-publishes the Release Notes for v3.2018.3 through v3.2018.3.5.2.*

VERSION DETAILS

Package Contents

The release package includes the following folders:

@Hotfixes	4/20/2012 8:51 AM
_Documentation	9/7/2021 4:47 PM
_ReleaseNotes	9/13/2021 2:13 PM
Client Application	9/7/2021 4:45 PM
DB	9/7/2021 4:46 PM
External WebAPI	9/7/2021 4:46 PM
Identity Service	9/7/2021 4:46 PM
Management Reports	9/7/2021 4:46 PM
PACS Citrix Bridge	9/7/2021 4:47 PM
RIS Service	9/7/2021 4:46 PM
Service Tools	9/7/2021 4:48 PM
Web Digital Forms	9/7/2021 4:46 PM
Web Patient Connect	9/7/2021 4:47 PM
Web Referring Connect	9/7/2021 4:47 PM
Web UM Connect	9/7/2021 4:47 PM
WebHelp	9/7/2021 4:45 PM
Build_2021.7.5.zip	9/7/2021 4:49 PM
RISServerMasterCert.pfx	3/31/2016 1:38 PM

Code Stream

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

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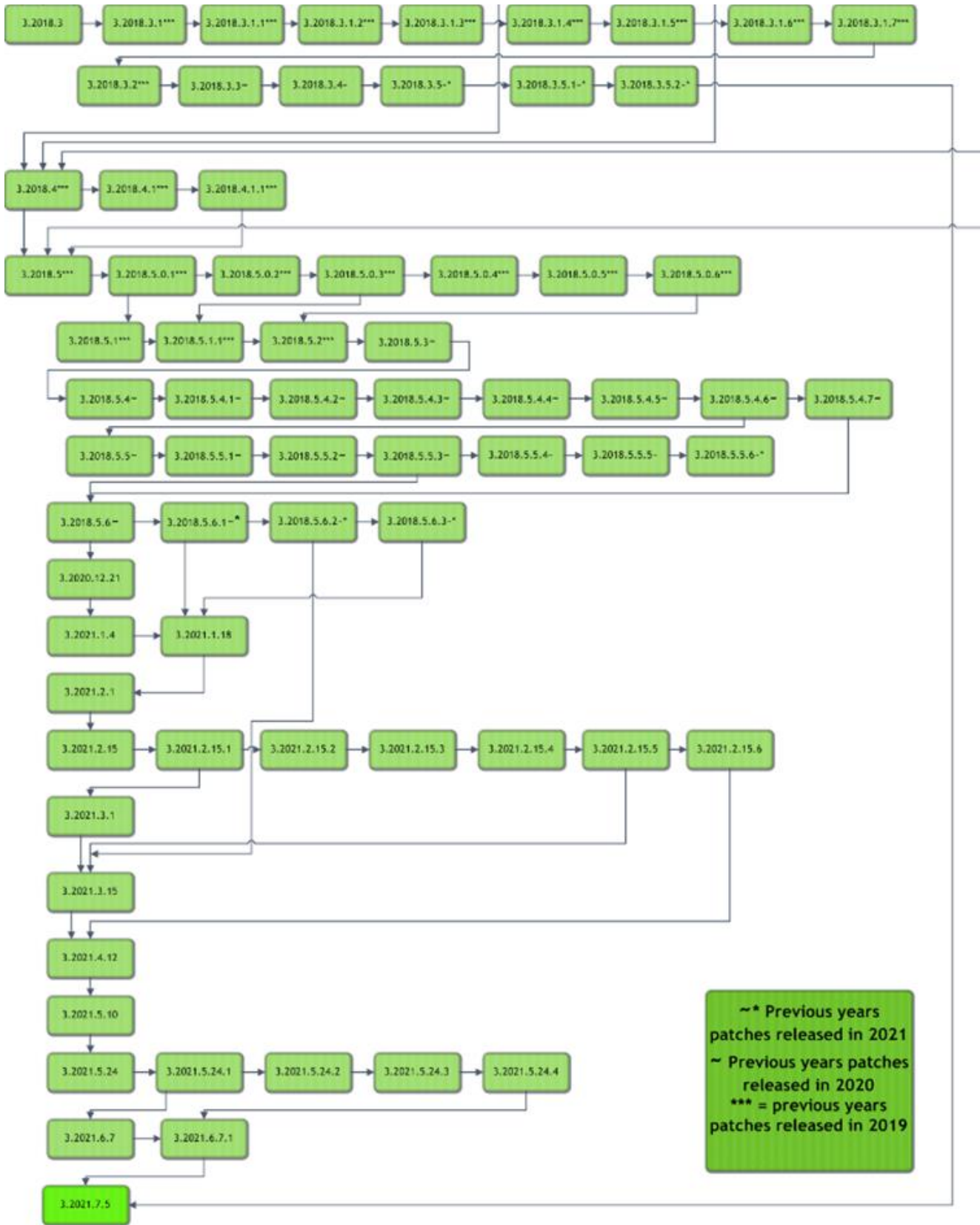
LEGEND:

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
2018.5	5.5	3.18.5.5.5(3GB)	3.18.5.5.5	3.18.5.5.5	3.18.5.5.5.02615903					GUI, Web Services, DB
2018.5	5.6	3.18.5.5.6(3GB)	3.18.5.5.6	3.18.5.5.6						GUI and Web Services
2018.5	6	3.18.5.6(3GB)	3.18.5.6	3.18.5.6	3.18.5.6.0.02571320	3.18.5.6.0	3.18.5.6.0.1050	3.18.5.6.0.1050	3.18.5.6.0.1050	Full version release
2018.5	6.1	3.18.5.6.1(3GB)	3.18.5.6.1	3.18.5.6.1	3.18.5.6.1.02601339	3.18.5.6.1	3.18.5.6.1.1070	3.18.5.6.1.1070	3.18.5.6.1.1070	GUI, Web Services, DB, Patient/Provider/UM Portals and Digital Forms
2018.5	6.2	3.18.5.6.2(3GB)	3.18.5.6.2							GUI
2018.5	6.3	3.18.5.6.3(3GB)	3.18.5.6.3	3.18.5.6.3	3.21.5.10.002823110					GUI and Webservices
2020.12.21	-	3.20.12.21.0(3GB)	3.18.5.6	3.20.12.21.0	3.20.12.21.0.02608693	3.20.12.21.0	3.20.12.21.0.897	3.20.12.21.0.897	3.20.12.21.0.897	Full version release
2021.1.4	-	3.21.1.4.0(3GB)	3.21.1.4				3.21.1.4.0.1075	3.21.1.4.0.1075	3.21.1.4.0.1075	GUI and Patient/Provider/UM portals
2021.1.18	-	3.21.1.18.0(3GB)	3.21.1.18	3.21.1.18.0	3.21.1.18.002652234	3.21.1.18.0	3.21.1.18.0.1081	3.21.1.18.0.1081	3.21.1.18.0.1081	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.2.1	-	3.21.2.1.0(3GB)	3.21.2.1	3.21.2.1.0	3.21.2.1.002672074	3.21.2.1.0	3.21.2.1.0.1090	3.21.2.1.0.1090	3.21.2.1.0.1090	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.2.15	-	3.21.2.15.0(3GB)	3.21.2.15	3.21.2.15.0	3.21.2.15.002698266	3.21.2.15.0	3.21.2.15.0.1111	3.21.2.15.0.1111	3.21.2.15.0.1111	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.2.15	1	3.21.2.15.1(3GB)	3.21.2.15.1	3.21.2.15.1		3.21.2.15.1	3.21.2.15.1.1113	3.21.2.15.1.1113	3.21.2.15.1.1113	GUI, Web Services, Patient/Provider/UM portals and Digital Forms
2021.2.15	2	3.21.2.15.2(3GB)	3.21.2.15.2	3.21.2.15.2		3.21.2.15.2	3.21.2.15.2.1122	3.21.2.15.2.1122	3.21.2.15.2.1122	GUI, Web Services, Patient/Provider/UM portals and Digital Forms
2021.2.15	3	3.21.2.15.3(3GB)	3.21.2.15.3							GUI
2021.2.15	4	3.21.2.15.4(3GB)	3.21.2.15.4	3.21.2.15.4	3.21.2.15.402732838	3.21.2.15.4	3.21.2.15.4.1133	3.21.2.15.4.1133	3.21.2.15.4.1133	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.2.15	5	3.21.2.15.5(3GB)	3.21.2.15.5	3.21.2.15.5	3.21.2.15.502738557					GUI, Web Services and DB
2021.2.15	6	3.21.2.15.6(3GB)	3.21.2.15.6	3.21.2.15.6						GUI and Web Services
2021.3.1	-	3.21.3.1(3GB)	3.21.3.1	3.21.3.1	3.21.3.1.002712308	3.21.3.1	3.21.3.1.0.1119	3.21.3.1.0.1119	3.21.3.1.0.1119	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.3.15	-	3.21.3.15(3GB)	3.21.3.15	3.21.3.15	3.21.3.15.002747230	3.21.3.15	3.21.3.15.0.1144	3.21.3.15.0.1144	3.21.3.15.0.1144	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.4.12	-	3.21.4.12(3GB)	3.21.4.12	3.21.4.12	3.21.4.12.002778929	3.21.4.12	3.21.4.12.0.1167	3.21.4.12.0.1167	3.21.4.12.0.1167	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.10	-	3.21.5.10(3GB)	3.21.5.10	3.21.5.10	3.21.5.10.002823110	3.21.5.10	3.21.5.10.0.1189	3.21.5.10.0.1189	3.21.5.10.0.1189	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	-	3.21.5.24(3GB)	3.21.5.24	3.21.5.24	3.21.5.24.002842120	3.21.5.24	3.21.5.24.0.1205	3.21.5.24.0.1205	3.21.5.24.0.1205	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	1	3.21.5.24.1(3GB)	3.21.5.24.1	3.21.5.24.1	3.21.5.24.102880695	3.21.5.24.1	3.21.5.24.1.1224	3.21.5.24.1.1224	3.21.5.24.1.1224	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	2	3.21.5.24.2(3GB)	3.21.5.24.2	3.21.5.24.2	3.21.5.24.202923248	3.21.5.24.2	3.21.5.24.0.1244	3.21.5.24.0.1244	3.21.5.24.0.1244	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	3	3.21.5.24.3(3GB)	3.21.5.24.3	3.21.5.24.3	3.21.5.24.302932869	3.21.5.24.3	3.21.5.24.0.1252	3.21.5.24.0.1252	3.21.5.24.0.1252	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.5.24	4	3.21.5.24.4(3GB)	3.21.5.24.4	3.21.5.24.4	3.21.5.24.402961496	3.21.5.24.4	3.21.5.24.0.1260	3.21.5.24.0.1260	3.21.5.24.0.1260	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.6.7	-	3.21.6.7(3GB)	3.21.6.7	3.21.6.7	3.21.6.7.002898418	3.21.6.7	3.21.6.7.0.1234	3.21.6.7.0.1234	3.21.6.7.0.1234	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
2021.6.7	1	3.21.6.7.1(3GB)	3.21.6.7.1	3.21.6.7.1	3.21.6.7.102961651	3.21.6.7.1	3.21.6.7.1.1262	3.21.6.7.1.1262	3.21.6.7.1.1262	GUI, Web Services, DB, Patient/Provider/UM portals and Digital Forms
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