eRAD RIS

CUSTOMER RELEASE NOTES

Build v3.2022.6.20

UPDATED JULY 27, 2022

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Publication History

Revision	Author	Description
July 25, 2022	Kevin Brooks	▪ Forwarded for review and approval.
July 27, 2022	Kevin Brooks, Hilary Saltmarsh, Randy Rogers	▪ Revisions
July 27, 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.

Additional technical details and deploy instructions are available to the Service Team in the SERVICE RELEASE NOTES edition of this document.

Release Content

This release of ERAD RIS v3.2022.6.20 includes both feature enhancements and a variety of resolved issues.

Notable enhancements are the support for electronic Lay Letter distribution and support for multiple SecurePIC requests and Scan Groups.

This release also resolves several registration, scheduling, and worklist issues, and incorporates previously released in versions 3.2021.6.7.2, 3.2022.1.17.4.3, 3.2022.1.17.4.4, 3.2022.1.17.4.5, and 3.2022.5.9.2.

> ⚠️ *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 v3.2022.6.6 installations.

NEW SETTINGS

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

RIS

Changes to AccessString Lookup Table

The following settings were added or updated with this release:

Setting	Default	Purpose
Config.LookupEditor.BATCollection	Value=[None|Full], Default=[None]	Controls access to the "BATCollection" lookup table editor. Added in v3.2022.6.20 #31786
Config.LookupEditor.ScanTypeGroup	Value=[None|Full], Default=[None]	Controls access to the "ScanTypeGroup" lookup table editor. Added in v3.2022.6.20 #30921

Changes to SystemConfig Lookup Table

The following settings were added or updated with this release:

Setting	Default	Purpose
DaysForBackupLayLetterViaMail	Value=Days as Integer, Set to [≤ 0] to disable, Default=[-1]	Number of days after a Lay Letter is distributed via SMS or Email upon which the Lay Letter will be printed for mailing when there is not a record of the patient digitally accessing their results. When disabled, no Print copy will be generated. Added in v3.2022.6.20 #3168
InboundRADARMessageFilter	Value=CSV as String [RIS APPOINTMENT SUMMARY|RIS QUICK MESSAGE|UM Alert|SecurePIC|Report Delivery|Schedule Alert|Good Faith Estimate|Lay Letter], Default=[RIS QUICK MESSAGE,SecurePIC,RIS APPOINTMENT SUMMARY,UM Alert,Report Delivery,Good Faith Estimate,Lay Letter]	Message notification type filter for RADAR inbound message processing. When blank, all inbound message notifications will be processed. Updated in v3.2022.6.20 #15357, #31029, #31477
LayLetterDistributionMethod	Value=Ordered JSON list as String [from DistributionMethod lookup table], Default=["Use Preferred Delivery","SMS Link","Email Link","Print and SMS Link","Print and Email Link","Print"]	Preferred distribution methods for Lay Letter. If most preferred method is unavailable, the next on the list will be tried until a valid delivery method is found. Note: Click Value to open custom editor. Added in v3.2022.6.20 #31279
LayLetterScanType	Value=Active "Scan Type Code" value as String [from ScanTypes lookup table], Default=[LayLetter]	Scan Type Code value that represents a Lay Letter. Added in v3.2022.6.20 #31465
PPLayLetterConfirmationRequired	Value=Boolean, Default=[FALSE]	When [True] a Confirm section allows the patient to acknowledge that they have viewed their report via the portal. When [False] the Confirm section will be hidden. Added in v3.2022.6.20 #31465

New Lookup Tables

The following lookup tables were added with this release:

Group	Lookup	Description
General	ScanTypeGroup	The "Scan Type Group" lookup defines groups of multiple document types that will appear in the SecurePIC request dialog. Added in v3.2022.6.20 #30921
System	BaseScanType	A new "Base Scan Type" lookup is used by RADAR to match similar scan types across different clients / installations. Values are not editable. Added in v3.2022.6.20 #30921
System	BATCollection	The "BAT Collection" lookup table defines the collection of steps for a BAT task. The "rule" type columns provide the ability to customize the function provided by the task. Added in v3.2022.6.20 #3168

NEW FEATURES

Scheduling

Feature #30984 – MR Magnet Type preference for Referring Providers

Summary

This enhancement to User Preferences adds the ability to set an MR Magnet Type preference that can be utilized when exams are being scheduled on the Referring Provider Portal.

MRI MAGNET TYPE

MRI Magnet Type preference   `1.5TT`

`SAVE`   `CANCEL`

Previously, when a referring provider preferred their patients be scanned on a specific type of MRI, that detail was kept as a note and schedulers had to be aware of it.

With this change, the MRI Magnet Type preference value will now automatically default to the physician's preference when scheduling MRI exams from the Provider Portal.
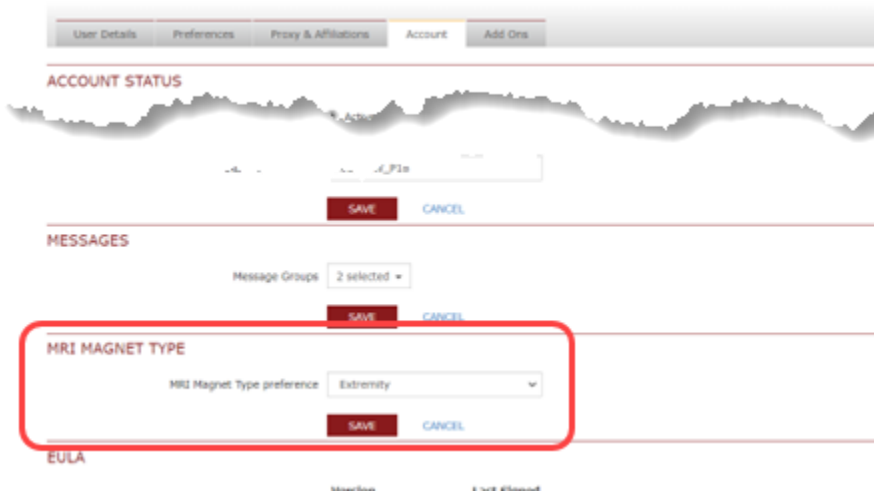
> *This new feature only controls the return of time slots in the Referring Portal. Future enhancements will also update behavior from the Scheduling and Patient portals.*

Feature Description

A new `MRI Magnet Type preference` field is now available to be configured on either the `Referring Preferences` tab in the Personnel lookup or on the `Account` tab in the Provider Admin portal.

General Resource Account Notes Attachments Preferences **Referring Preferences** Skill Set

Preferred radiologists

Add Radiologist

Compression preference*   Compressed (JPEG)

MRI Magnet Type preference   Extremity

This field can only be set for users with the Referring Resource checked, and only active MRI Magnet Types will display in the dropdown.

When scheduling MRI exams within the Referring Provider Portal, MRI Magnet Type preference will now default to the physician's preference (e.g. 3T) and the options provided will reflect that selection. If no preference is configured, appointment options with any magnet type will be returned.
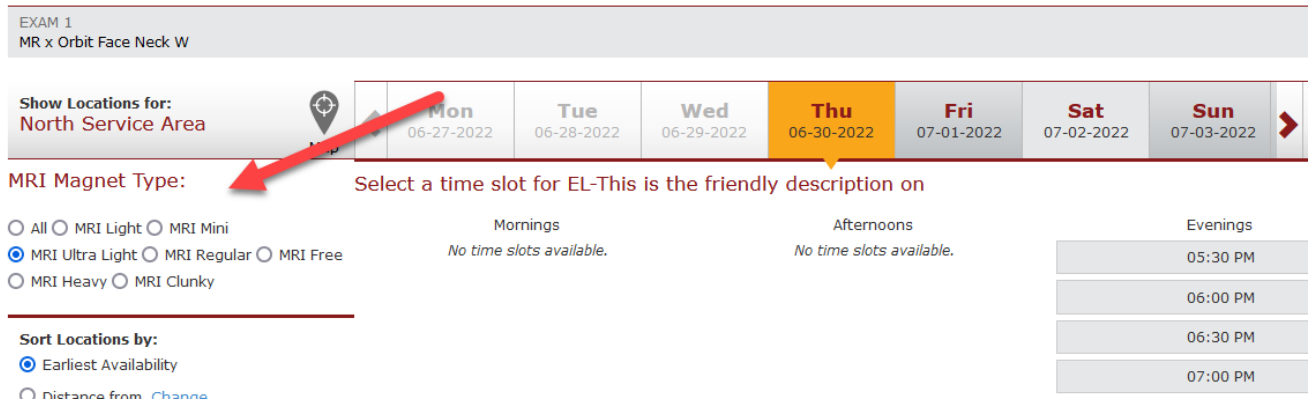
Configuration Instructions

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

RIS Client

Changes to MRIMagnetType Lookup Table

- Configure `MRI Magnet Type Code` magnet types as required.

Changes to Modalities Lookup Table

- A new `MRI Magnet Type Code` column has been added to the `Modalities` table to associate an MRI magnet type to a modality.


Referring MRI Magnet Type Preference

- Configure user's `MRI Magnet Type preference` on either the `Referring Preferences` tab in the Personnel lookup or on the `Account` tab in the Provider Admin portal.

RADAR

Feature #30921 – Support for multiple SecurePIC requests and Scan Groups

Summary

This enhancement to RADAR SecurePIC adds support for requesting multiple documents in a single SecurePIC request, adds support for a generic scan type and for scan groups, and improves management of the returned images on the Inbound Document Worklist.
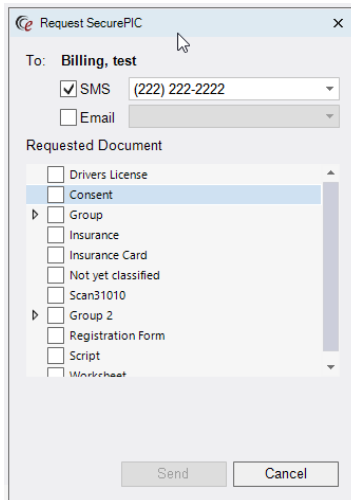
Background

Previously, users could only request a SecurePIC with a single Scan Type selected for the patient to submit. If the PSR actually needed e.g., both an ID and a script from the patient, they would have to send two separate SecurePIC requests and explain each to the patient, for example if they were to be completed in a specific order.
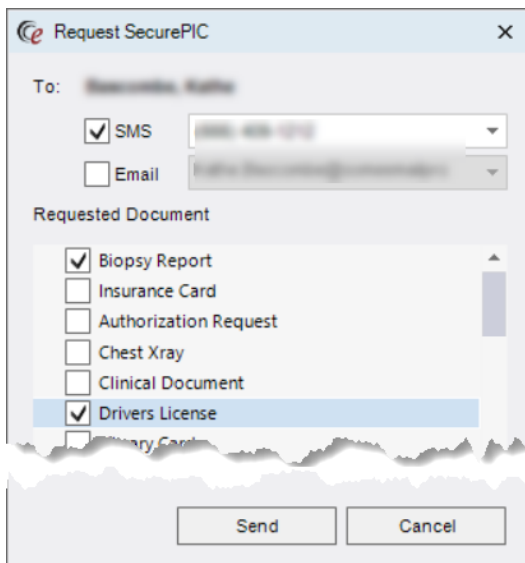
Feature Description

Request Workflow

Multiple Document Type Selection

The current SecurePIC request workflow allows requests to be sent from an existing order / appointment / study or during scheduling before the data has been saved as an order or appointment.

With this change, users can now select multiple document types from the SecurePIC request dialog.

In addition to selecting multiple scan types, as identified via the `Secure Pic Flag` in the `ScanType` lookup table, users may also select scan type groups, as well as a new generic scan type.

Scan Type Groups

In addition to manually selecting multiple document types, the Request SecurePIC dialog now also supports a grouping mechanism to simplify selecting multiple document types that are commonly requested together.
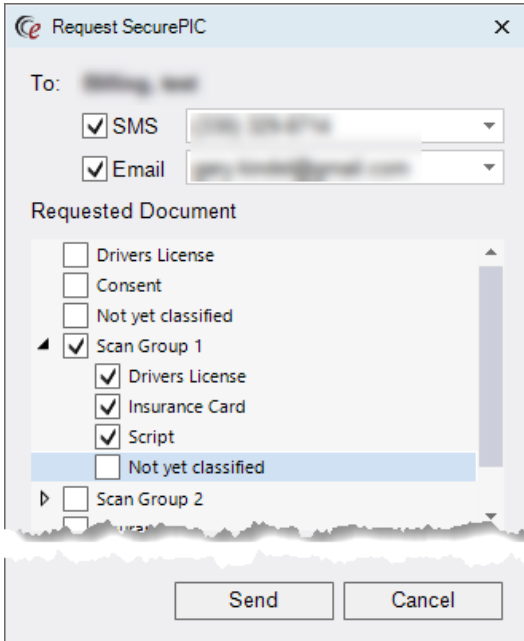
SELECT A SCAN GROUP TO EXPAND IT AND AUTOMATICALLY SELECT ALL ASSOCIATED SCAN TYPES EXCEPT THE GENERIC "NOT YET CLASSIFIED" SCAN TYPE.

These new Scan Type Groups are defined via a new `ScanTypeGroup` lookup. Each group automatically includes a generic `Not yet classified` scan type which is initially unchecked by default.

Generic Scan Type

A new generic scan type with a description of `Not yet classified` gives users the ability to request additional documentation when no corresponding pre-defined scan type exists.

When selected, the user is prompted to enter a specific description that will be transmitted to RADAR and displayed on the web page.
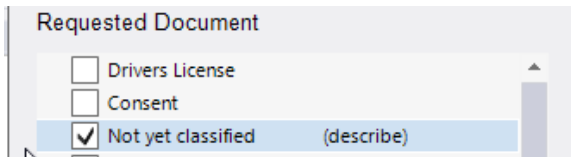
WHEN SELECTED, ADDITIONAL (DESCRIBE) FIELD IS VISIBLE.
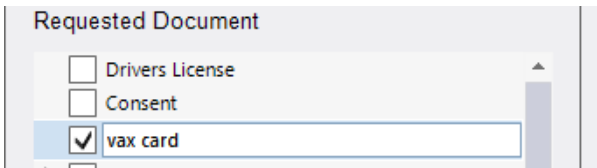
CLICK THE (DESCRIBE) FIELD TO ENTER A CUSTOM DESCRIPTION.

USERS WILL BE PROMPTED WITH THE CUSTOM DESCRIPTION.

Response Workflow

Users receiving the message can respond via an updated SecurePIC portal web page. They will be prompted to upload the requested images, both front, back, and additional pages as necessary.

USERS MAY UPLOAD AS MANY PAGES AS NECESSARY.

Review Workflow

Returned scans will display and can be managed as normal on the `Attach Inbound Documents` and `IVT Screening` worklists, where they will appear already classified appropriately.

Configuration Instructions

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

RIS Client

Changes to RIS AccessString Lookup Table Settings

- Grant permissions as necessary.

The following related settings were added or updated:

Setting	Default	Purpose
Config.LookupEditor.ScanTypeGroup	Value=[None|Full], Default=[None]	Controls access to the "ScanTypeGroup" lookup table editor. Added in v3.2022.6.20 #30921

Changes to ScanType RIS Lookup Table

Three new columns have been added to the `ScanType` lookup to support the updated SecurePIC RIS workflow:

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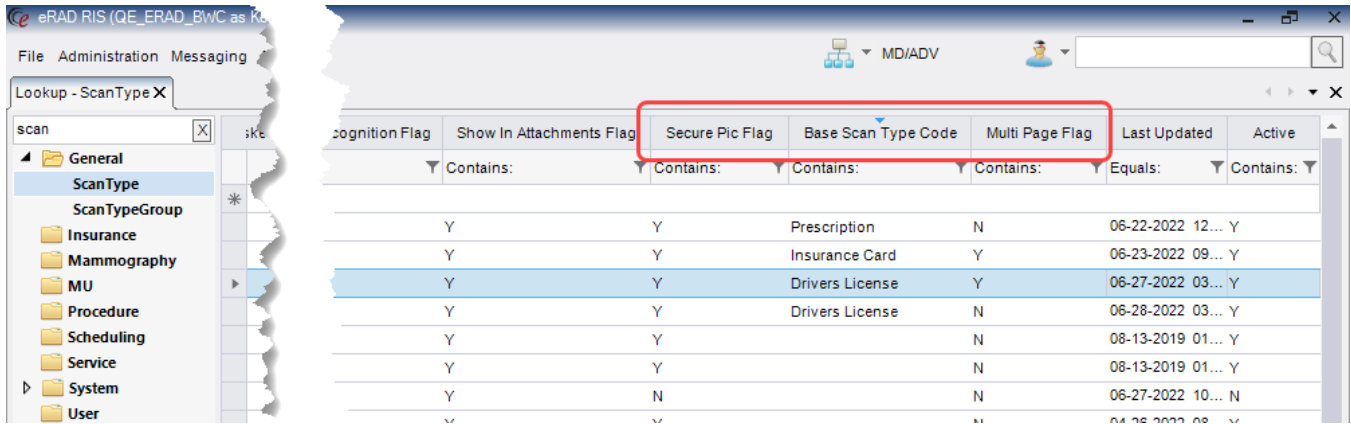
- A new `Secure Pic Flag` column determines whether the scan type will appear in the `Request SecurePIC` dialog and also whether the scan type can be added to a `ScanTypeGroup`.

> *On upgrade, all existing entries will default the `Secure Pic Flag` to `Y` to ensure existing functionality is not lost for customers. Disable any scan types that should not be shown to the PSR for SecurePIC.*

- A new `Base Scan Type Code` column indicates which `BaseScanType`, if any, is associated with the row. The base scan type is used by RADAR to match similar scan types across different clients / installations.
- A new `Multi Page Flag` column indicates if the scan type can have multiple pages. This will default `Y` for all ScanTypes.

The following fields in ScanTypes are used by SecurePIC RIS workflow:

- `Scan Type Code` is passed to RADAR in the SecurePIC request message. It is referred to as Document Type in RADAR and it is NOT equal DocumentType in RIS.
- `Description` is passed to RADAR in the SecurePIC request message. It is referred to as Document Description.
- `Duplex Flag` (Y/N) can be passed to RADAR as Document Details.
    - 'N' value is passed as F meaning Front only requested.
    - 'Y" value passed as FB meaning Front and Back requested.
- `Multi Page Flag` (Y/N/empty) Only 'Y' will be passed to RADAR as Document Details.

    When value is 'Y', it will pass to RADAR as 'M' meaning multiple pages can be uploaded. This value will override parameter set by the `Duplex Flag` value.

    Note: Duplex flag and Multi page flag are used together to produce values of F, FB or M:

Duplex flag	Multi page flag	Result
N	N or empty	F
Y	N or empty	FB
N or Y	Y	M

New BaseScanType RIS Lookup Table

A new `BaseScanType` lookup is used by RADAR to match similar scan types across different clients / installations. Values are not editable.

New ScanTypeGroup RIS Lookup Table

A new `ScanTypeGroup` lookup defines groups of multiple document types that will appear in the SecurePIC request dialog.

- Optionally, create desired `Scan Type Group Code` groups and add desired `Scan Type Code` items to be included.

Provider Portal

Feature #31120 – Disable Approve and Schedule workflow when procedures cannot be scheduled

Summary

This enhancement to Provider UM Orders Workflow updates the portal scheduling options when an exam cannot be found via the procedure picker tree.

Previously, both the `Approve` and `Approve and Schedule` buttons were visible but disabled in this situation.

With this change, the `Approve and Schedule` button will be hidden when the exam is not found in the picker, or when the `RPScheduleAllow` is set to `No` for the exam. The `Approve` button will remain available so UM exams can be approved.

Configuration Instructions

No System Administrator actions are necessary to enable this feature.

Thick Client GUI

Feature #3168 – Electronic Lay Letter distribution

Summary

This enhancement to RIS introduces a new electronic lay letter distribution workflow that adds options to send lay letter communications via SMS and email with the option to fall back to Print/Mail when necessary.

This feature includes:

- Support for electronic distribution of lay letter documents through RIS / RADAR
- Support for viewing and acknowledging the lay letter documents in the patient portal

Background

Sending Lay Letters via mail costs time and money. It also takes longer for the patient to receive the results of their exam. Support for electronic communication has become routine and expected, so it makes sense to adopt a workflow that is similar to the recently introduced distribution process for Good Faith Estimates.

Previously, lay letter distribution jobs would – by default – be created on the Document Distribution worklist in `Hold` status and would manually be printed and sent out via mail to the patient.

With the advent of RADAR report deliveries, and now the new **Backend Automation Tool (BAT)** system, RIS can support the old workflow while also bringing in the new mechanisms for lay letter delivery over SMS and email, displaying it in the patient portal.

Related Features

The primary Redmine ticket for this feature is:

1. FEATURE #3168 – SUPPORT FOR ELECTRONIC LAY LETTER DISTRIBUTION

This change encompasses the following features:

2. FEATURE #31279 – LAYLETTERDISTRIBUTIONMETHOD SETTING
3. FEATURE #31282 – ELECTRONIC LAY LETTER: SUPPORT VIEWING THE EXAMS PAGE WITH REPORT SUMMARY (AKA LAY LETTER) OUTSIDE OF LOGIN VIA SMART LINK
4. FEATURE #31465 – ELECTRONIC LAY LETTER: ADD REPORT SUMMARY TAB TO THE EXAMS PAGE FOR BI-RADS STUDIES
5. FEATURE #31475 – SEND SECURE LINK FOR LAY LETTER VIA EMAIL
6. FEATURE #31476 – SEND SECURE LINK FOR LAY LETTER VIA SMS
7. FEATURE #31477 – UPDATE INBOUNDRADARMESSAGEFILTER CONFIG SETTING TO ACCOUNT FOR LAY LETTER

The following related feature was also completed and documented separately in the Platform section below:

8. FEATURE #31786 – BACKEND AUTOMATION TOOL (BAT) PHASE ONE

Feature Description

With this change, when a mammography study is signed in RIS, the following workflow ensures the patient is properly notified of the results:

1. A job is created on the Document Distribution worklist based on the configured delivery preferences.
2. A lay letter document is generated and associated to the patient's scan documents as an attachment.
3. The patient is notified via SMS / Email and directed to the site's Patient Portal (or the document is printed if requested).
4. Once logged in, the user will see their lay letter (Report Summary tab) in the portal and have the option to confirm that they have accessed and read the document.
5. If the patient fails to acknowledge the document within the configured number of days, a print job is generated in `Hold` status to be manually mailed out to the patient (optional).

Lay Letter Job Creation

With this change, when a mammography study is signed in RIS, a job will be created on the `Document Distribution` worklist. It must be sent to the patient according to the customer's communication preferences as described below, for example:

1. Send via SMS
2. If no mobile, send via Email.
3. If no email, print and mail.

The generated lay letter document will be associated to the patient's scan documents as an attachment:

Lay Letter Distribution

A distribution job will be created when an appointment is scheduled, using the most preferred mechanism.

Determination of Distribution Method is based on the new `LayLetterDistributionMethod` configuration and available patient data.

This functionality was delivered via the Redmine tickets:

- FEATURE #31279 – LAYLETTERDISTRIBUTIONMETHOD SETTING
- FEATURE #31477 – UPDATE INBOUNDRADARMESSAGEFILTER CONFIG SETTING TO ACCOUNT FOR LAY LETTER
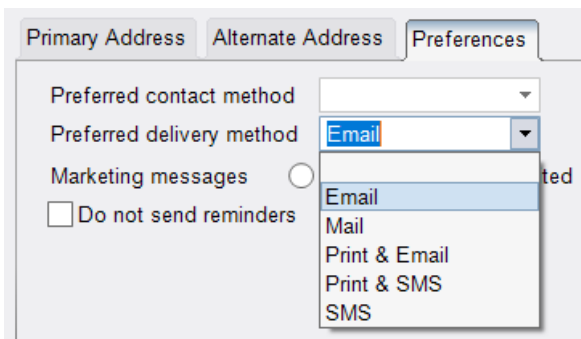
Distribution Method Settings

Configuration

Because the contact methods available for each patient can vary (e.g. not every patient has an email or mobile phone), the distribution hierarchy is configurable to define the contact types in their preferred order of use via a new `LayLetterDistributionMethod` System Config setting.
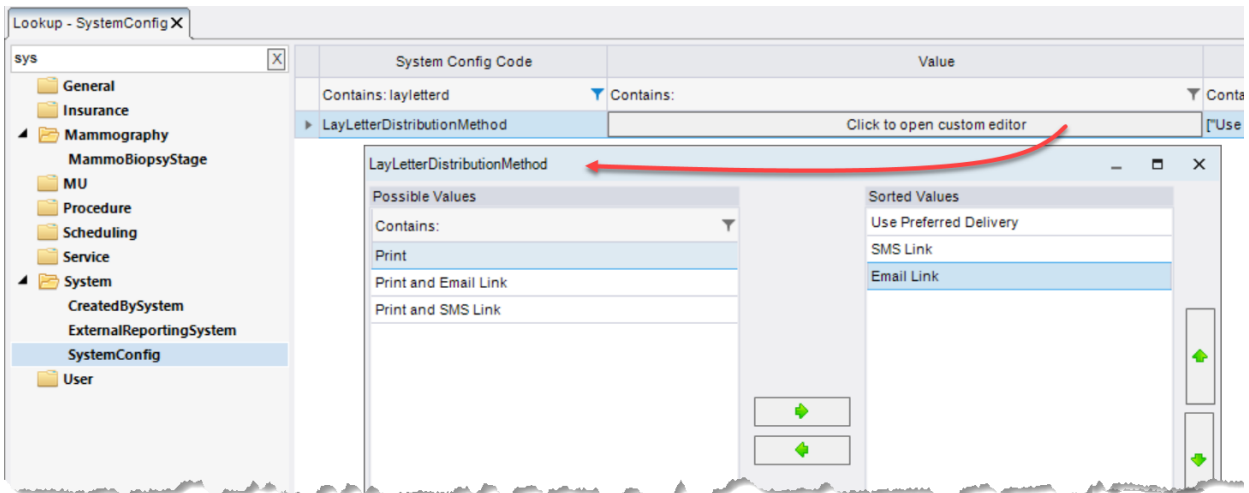
IF NO VALID METHOD IS IDENTIFIED, THE DISTRIBUTION JOB WILL GO TO ERROR STATUS.

If "Use Preferred Delivery" is selected, this option will prioritize the **patient's** preferred delivery method, as long as the required data (e.g. mobile phone or email address) is available.

Generation

When the distribution method is Print, the Lay Letter will be printed so that it can be sent to the patient via mail.

If an SMS or email option is used, the patient will be able to access the Lay Letter in the Patient Portal via a Smart Link sent by Email or SMS:

- If either "SMS" or "Email" is used, both the primary distribution job will be created, as well as a delayed (future-dated) job to print the document should the user fail to access their electronic copy. Refer to the CONFIRMATION WORKFLOW section below for details.
- If either "Print and SMS" or "Print and Email" is used, two distribution jobs will be created as long as an address and a mobile phone or email is present. If only one item is available, only a single distribution job will be created.

If no viable communication option is found, the distribution job will have a status of `Error` and will remain on the Distribution WL so the job may be edited to update the method or enter the missing data.

Lay Letter Distribution via SMS or Email

Just as is done by the similar FEATURE #31029 – CREATE A GOOD FAITH ESTIMATE FOR SELF PAY APPOINTMENTS, a distribution job for Email or SMS will send the patient an email containing a Smart Link notifying them that a secure message is available.

A message from New Lutherville

New Lutherville <radarops@radarmed.com>
Thu 6/2, 3:28 PM
Joel Gallant

WARNING: Outside Sender

Hello:

New Lutherville has an important message for you. Click below to securely access your message. http://localhost:45926/authorize/KYUK7PGRFLQW2SP4 [localhost]
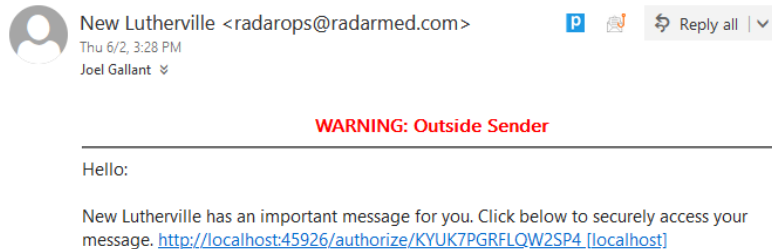
Message content can be customized via ParagraphConfig.

This functionality was delivered via the Redmine tickets:

- FEATURE #31475 – SEND SECURE LINK FOR LAY LETTER VIA EMAIL
- FEATURE #31476 – SEND SECURE LINK FOR LAY LETTER VIA SMS

User Workflow

When the SMS or email option is used, the patient is instructed to access their Lay Letter in the Patient Portal via a Smart Link.

This functionality was delivered via the Redmine tickets:

- FEATURE #31282 – ELECTRONIC LAY LETTER: SUPPORT VIEWING THE EXAMS PAGE WITH REPORT SUMMARY (AKA LAY LETTER) OUTSIDE OF LOGIN VIA SMART LINK
- FEATURE #31465 – ELECTRONIC LAY LETTER: ADD REPORT SUMMARY TAB TO THE EXAMS PAGE FOR BI-RADS STUDIES

Accessing the Lay Letter

Opening the Smart Link

Upon opening the Smart Link, patients will be prompted to authenticate by confirming their date of birth to access their Lay Letter on the Patient Portal.

Desert Advanced Imaging
A RadNet Imaging Center

Desert Advanced Imaging has an important message for you.

To confirm your identity, please enter your **date of birth**.

00-00-0000

SUBMIT

Note that this workflow allows patients to view their Lay Letter without actually logging into the portal, or even having a portal account.

Once logged in, the user will see their lay letter (Report Summary tab) in the portal and be prompted to confirm that they have accessed and read the document.

However, if the patient does not access their document before the time configured via `LayLetterSmartLinkExpiry`, the user will see a "This link has expired" message.

The inactive code may be reactivated:

iCode	Date	Exam	Accession ID	Referring	Site	Expiry	Status	Action	
Verify	Profile	iCode							
VY3X-XPP3-Y8KP-W6DN	7/13/2022	MA Digital Mammo Diag Bil	6486064_BWC	Admin Connor	QE Lutherville	7/13/2022	Inactive	REACTIVATE	
5DNQ-KH36-6JMW-6PMF	7/13/2022	MA Digital Mammo Diag Bil	6486064_BWC	Admin Connor	QE Lutherville	7/23/2022	Active	EXPIRE	SEND

Viewing and Acknowledging the Lay Letter

Upon entering their DOB correctly, the Exams page for the respective appointment will be displayed with the Report Summary as the Active tab.

Regardless of the method of contact, Lay Letter communication will be recorded in Distribution History and Audit History. The communication will also be visible on the Distribution WL and can be worked in the event of an error.

Confirmation Workflow

It is important to ensure the patient has viewed their document, either electronically or by mail.

In the event that the user does not access their correspondence electronically, a new `DaysForBackupLayLetterViaMail` system configuration setting will facilitate sending them a "backup" paper copy.

When the configured number of days have elapsed without them accessing their document, a BAT task (Feature #31786 will generate an additional print job that will appear on the `Distribution WL` in `Hold` status to be manually mailed out to the patient.

However, this printed copy is not necessary if we can confirm the document was viewed electronically. This viewing confirmation can be captured either explicitly or implicitly:

A new `PPLayLetterConfirmationRequired` system configuration setting allows RIS to explicitly document that the patient has acknowledged viewing the document via the portal by requiring them to click a button:
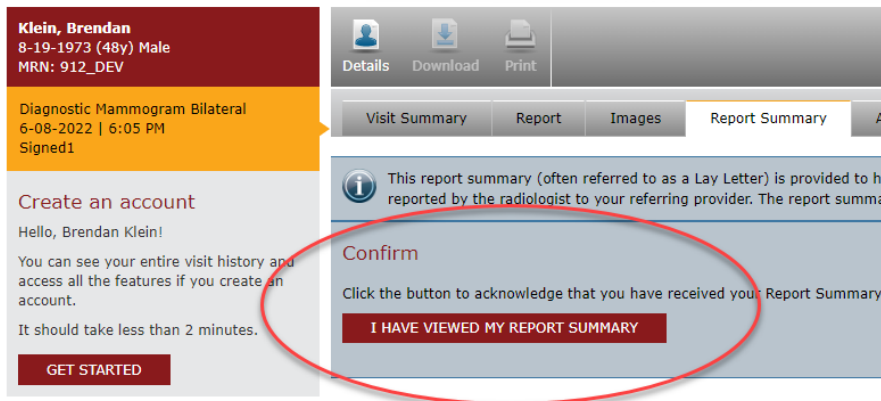
If `PPLayLetterConfirmationRequired` is not active, the system will (implicitly) document that the patient has acknowledged viewing the document via the portal as soon as they have authenticated the Smart Link by confirming their date of birth to access their Lay Letter or have directly logged in to the Patient Portal and clicked the Lay Letter tab.

If access to the electronic correspondence has been confirmed, the BAT task will automatically be cancelled.

> ⚠️ *Note that the related Feature #32503 will introduce Accessed & Confirmed columns in a future release to allow reviewing the status of the Lay letter confirmation workflow.*

Known Limitations

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

- BUG #32392 will also introduce three related settings in a future release to allow customization of the verbiage for Lay Letter workflow.
- FEATURE #32503 will introduce Accessed & Confirmed columns in a future release to allow reviewing the status of the Lay Letter confirmation workflow.

> ✋ *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 and Service Team assistance is required for some actions:

RIS Client

Changes to DeliveryMethod Lookup Table

- In order to assign preferred delivery methods to a patient, first configure the delivery type and distribution method codes for those types:
  - Set each `Delivery Type Code` to Patient (Patient Delivery Type)

o   Map each delivery type to its corresponding `Distribution Method Code`.

▶ ▲	1	1	Email		Email Link	06-06-2022 02:35 PM	Y
	Delivery Type Code		Delivery Method Type Code				
	Patient (Patient delivery type)		1				
*						Click here to add a new row	
▷	3	1	Mail		Print	06-06-2022 02:35 PM	Y
▷	4	1	SMS		SMS Link	06-06-2022 02:35 PM	Y
▷	5	1	Print & Email		Print and Email Link	06-06-2022 02:35 PM	Y
▷	6	1	Print & SMS		Print and SMS Link	06-06-2022 02:35 PM	Y

Changes to ScanType Lookup Table

*   If not already created, create an **Exam**-level scan type with the Scan Type Code, `LayLetter`, and assign this Scan Type Code to `LayLetterScanType`.

Changes to RIS SystemConfig Lookup Table

*   Configure `DaysForBackupLayLetterViaMail` to the length of time the patient has to acknowledge the receipt of their lay letter before a print job will be created on the Distribution History WL in `Hold` status.
*   Configure `InboundRADARMessageFilter` to filter for incoming Lay Letter 'received' messages so that delivery confirmations are updated on the Distribution History WL.
*   Configure `LayLetterDistributionMethod` by priority.
*   Configure `LayLetterScanType` to the scan type the document will be assigned when associated to the patient.

The following related settings were added or updated:

Setting	Default	Purpose
DaysForBackupLayLetterViaMail	Value=Days as Integer, Set to [≤ 0] to disable, Default=[-1]	Number of days after a Lay Letter is distributed via SMS or Email upon which the Lay Letter will be printed for mailing when there is not a record of the patient digitally accessing their results. When disabled, no Print copy will be generated. Added in v3.2022.6.20 #3168
InboundRADARMessageFilter	Value=CSV as String [RIS APPOINTMENT SUMMARY|RIS QUICK MESSAGE|UM Alert|SecurePIC|Report Delivery|Schedule Alert|Good Faith Estimate|Lay Letter], Default=[RIS QUICK MESSAGE,SecurePIC,RIS APPOINTMENT SUMMARY,UM Alert,Report Delivery,Good Faith Estimate,Lay Letter]	Message notification type filter for RADAR inbound message processing. When blank, all inbound message notifications will be processed. Updated in v3.2022.6.20 #15357, #31029, #31477
LayLetterDistributionMethod	Value=Ordered JSON list as String [from DistributionMethod lookup table], Default=["Use Preferred Delivery","SMS Link","Email Link","Print and SMS Link","Print and Email Link","Print"]	Preferred distribution methods for Lay Letter. If most preferred method is unavailable, the next on the list will be tried until a valid delivery method is found. Note: Click Value to open custom editor. Added in v3.2022.6.20 #31279
LayLetterScanType	Value=Active "Scan Type Code" value as String [from ScanTypes lookup table], Default=[LayLetter]	Scan Type Code value that represents a Lay Letter. Added in v3.2022.6.20 #31465
PPLayLetterConfirmationRequired	Value=Boolean, Default=[FALSE]	When [True] a Confirm section allows the patient to acknowledge that they have viewed their report via the portal. When [False] the Confirm section will be hidden. Added in v3.2022.6.20 #31465

⚠️ *Note that the related Bᴜɢ #32392 will also introduce three related settings in a future release to allow customization of the verbiage for Lay letter workflow.*

Changes to RIS AccessString Lookup Table Settings

- Grant permissions as necessary.

The following related settings were added or updated:

Setting	Default	Purpose
Config.LookupEditor.BATCollection	Value=[None|Full], Default=[None]	Controls access to the "BATCollection" lookup table editor. Added in v3.2022.6.20 #31786
Config.LookupEditor.ScanTypeGroup	Value=[None|Full], Default=[None]	Controls access to the "ScanTypeGroup" lookup table editor. Added in v3.2022.6.20 #30921

RESOLVED ISSUES AND KNOWN LIMITATIONS

Resolved Issues

This release resolves the following issues:

Redmine #	Subject
28614	Resolved Worklist Filtering issue where inactive procedure modifiers could be chosen when editing billing codes.
28886	Resolved Scheduling issue where appointment search results differed when searching with vs without a Patient ID.
28938	Resolved Registration issue where Checking In a patient with no carrier present returned an error.
29557	Resolved Worklists issue where an Edit Reminder action was not refreshing the worklist.
30226	Resolved Scheduling issue where maximum procedure duration was limited to 200 minutes (now 300).
31146	Resolved Prov Admin – User Messages issue where Exams with a UM status of pending approval would go to "Call the call center" message instead of approval screen when not configured in the procedure picker
31425	Resolved Prov Admin – User Management: Edit issues adding, deleting, or updating Proxy in RP Admin.
31713	Resolved Scanning – Image Recognition issue where image recognition data was not refreshed when the image was cropped.
32220	Resolved Registration issue where removing a procedure code via black X returns an error when a preferred Radiologist exists.
32246	Resolved Scheduling issue where double-clicking the appointment Search button initiated two appointment search calls.
32258	Resolved IVT / Precert issue where RIS froze opening the View/Edit screen with AutoAuth Enabled.
32277	Resolved Scheduling issue where Appointment Search details differed from Summary when using Search by Distance and Include Unavailable and scheduling more than one procedure together.
32499	Resolved Scheduling issue where deleting Order A for an order A and B via red X returned an error.

New Known Limitations

The following new Known Limitations were identified with this release:

- BUG #32392 will also introduce three related settings in a future release to allow customization of the verbiage for Lay Letter workflow.
- FEATURE #32503 will introduce Accessed & Confirmed columns in a future release to allow reviewing the status of the Lay Letter confirmation workflow.

VERSION DETAILS

Package Contents

The release package includes the following folders:

@Hotfixes	4/20/2012 8:51 AM
_Documentation	7/20/2022 5:13 PM
_ReleaseNotes	7/21/2022 3:15 PM
Client Application	7/20/2022 5:11 PM
DB	7/20/2022 5:12 PM
External WebAPI	7/20/2022 5:11 PM
Identity Service	7/20/2022 5:11 PM
Management Reports	7/20/2022 5:11 PM
PACS Citrix Bridge	7/20/2022 5:12 PM
RIS Service	7/20/2022 5:11 PM
Service Tools	7/20/2022 5:13 PM
Web Digital Forms	7/20/2022 5:12 PM
Web Patient Connect	7/20/2022 5:12 PM
Web Referring Connect	7/20/2022 5:13 PM
Web UM Connect	7/20/2022 5:13 PM
Build_2022.6.20.zip	7/20/2022 5:14 PM
RISServerMasterCert.pfx	3/31/2016 1:38 PM

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Code Stream

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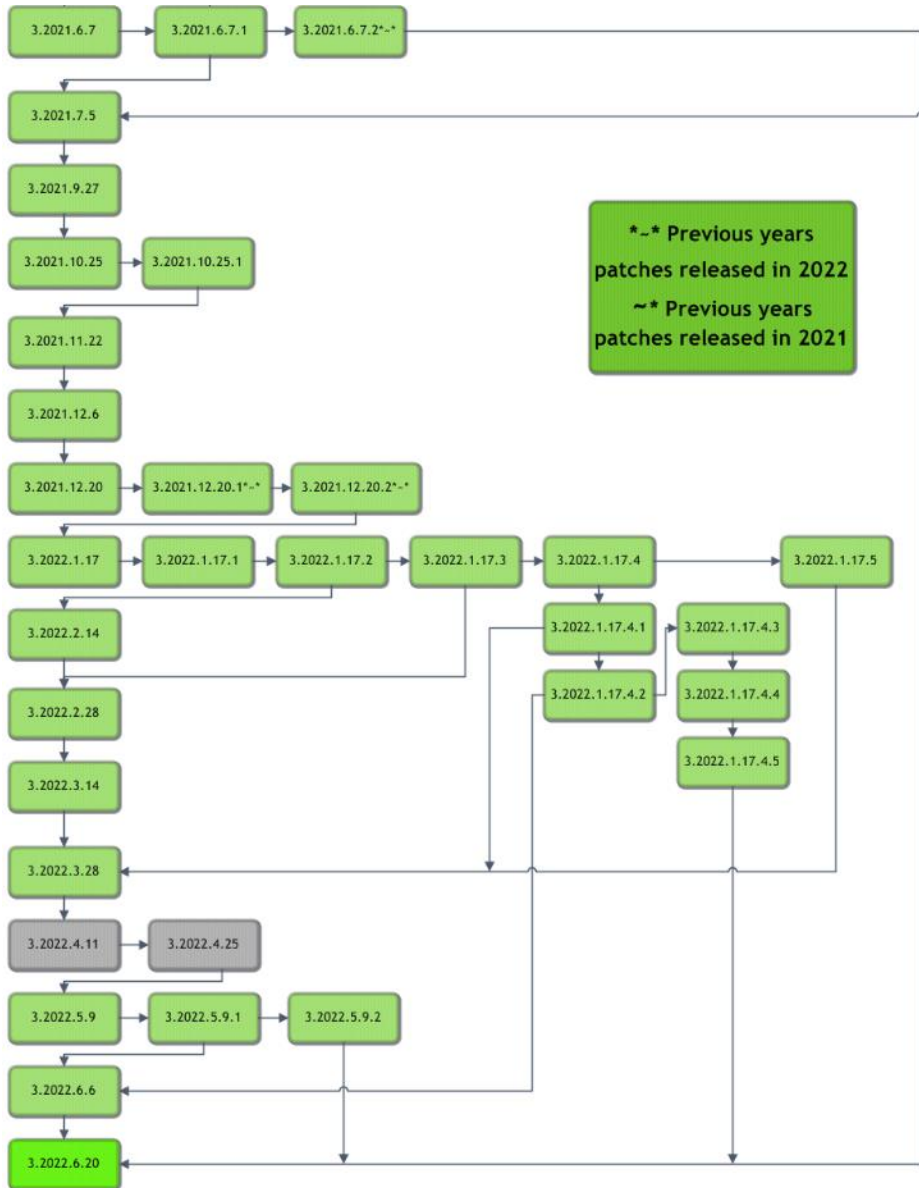
Legend:

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
2021.6.7	-	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
2021.6.7	2	3.21.6.7.2(3GB)	3.21.6.7.2							GUI
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
2022.1.7	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