

Server Update

for eRAD RIS

Version 1.0

Build 37

Update 37.001

Table of Contents

1. Purpose.....	3
2. Known Limitations	6
2. Intended Audience	8
3. Who is affected	8
4. Package Contents	8
5. Installing	8

1. Purpose

This server update has been produced to fix bugs required for production setting, or to complete an enhancement requested for production.

This server update fixes the following issues.

Redmine Bug #	Issue	Description	Priority	Status
1643	External Report	Ideally we need this to be part of the Radiologist Pending Dictation workflow. Add a column that views can be created on. When the radiologist opens the study the view the images and have the Verify External Report button. Goes to billing with the radiologist the clicked the Verify External Report button as the dictating physician. Ultimately we would like a way to scan in the document and save it as the report for approval and deliver that way.	HIGH	COMPLETE
1632	Voided	Not Able to View/Edit the exam.	HIGH	COMPLETE
1633	Temporary Template	Still have to enter end time 11:50 to keep the 12 from showing, these are not showing on the Manual Appt (seems to only look at the default template) When using the Appt book through scheduling these slots are still available and are able to be picked without issue.	HIGH	COMPLETE
1641	Addendum	Need to add addendum_requested_flag to Activity WL - Need to add addendum flag and addendum_requested_flag to patient folder WL - Need to show signed studies in Activity WL where addendum_requested_flag is Y	HIGH	COMPLETE

RADNET, Inc. – eRAD RIS Server Update

1630	Addendum	Unsigned Addendum states "Addendum" in the report. Need to fix so if a report is printed/faxed prior to the Addendum then it shouldn't show "Addendum"	HIGH	COMPLETE
1634	Follow up Tab	Needs to be accessible from any point, example need to see it in Schedule Order or View/Edit	MED/HIGH	COMPLETE
	Template documentation	Supply documentation on the Template mgt, for transcription mgt team.	HIGH	COMPLETE
1635	Pending Dictation - Assigned to Rad details	When assigning a dictation to a specific radiologist, put the rads 'lastname, firstname' in the "Assigned Rad" column on the worklist	HIGH	COMPLETE
1645	Tech Only	The tech only checkbox is not really necessary any longer. Just need an indication that the tech cannot change. They will use the Patient Class if it needs to be changed. Needs PACS Correction workflow but then just goes directly to billing.	HIGH	COMPLETE
1644 / 1618	Hold Code	Need flag at procedure level called "Hold Code". At tech completion this goes directly to status of Hold Code Complete.	HIGH	COMPLETE
1638	Insurance	Insurance: Once you add insurance to an order and try to remove or expire, it still shows in the order as active. No way to remove it once added.	HIGH	COMPLETE
1652	Verbal Order	You must be NT authenticated to create a Verbal Amended Order, we thought there was a fix for non NT authenticated users to access the reports.	HIGH	COMPLETE
BAD CONFIG	Outside Reads	Outside Reads: Unable to save an outside read.	HIGH	COMPLETE
1636	Billing	Units not being reset to the default value when switching procedures	HIGH	COMPLETE
1614	Reporting	Set account specs not working if system config values not set to true	HIGH	COMPLETE

RADNET, Inc. – eRAD RIS Server Update

1653	Tech	Maintaining correction selection on perform exam screen patient history grid	HIGH	COMPLETE
1616	External Report workflow	Assigning the "assign by" radiologist	HIGH	COMPLETE
1625	Alisa - Reporting	Addendums should be blocked on historical (imported) studies	HIGH	COMPLETE
1646	Reporting	DLL Issues in B37. Cannot successfully run interactive features	CRITICAL	COMPLETE
1637	Mammo	Mammo follow up target date needs to be editable - We will display and allow the target date to be edited.	HIGH	COMPLETE
1631	Mammo	MU fields are required, but in mammo workflow, we do not know what the values should be - We will add code to the patch to bypass the MU fields, when the user is using the FollowUp mammo feature.	HIGH	COMPLETE
1627	Mammo	When entering a new follow-up date for a biopsy, if an order already exists it will not update the target date and simply gives a message "order already exists". - Add new feature to allow the update of the existing follow up order using the manual follow up from the biopsy screen.	HIGH	COMPLETE
1640	Image Request BUG	Can't open image request editing form from Image request WL.	HIGH	COMPLETE
1639	Scheduling - Joe	Duration issue with template duration overrides	HIGH	COMPLETE
1545	Scheduling	Scanning issue (Not Responding)	High	COMPLETE
1642	Outside Reads	Time of the outside read dates needs to be noon instead of the beginning of the day	Med	COMPLETE
1605	Reporting	Template Editor > need an easier way to find base templates	Med	COMPLETE
1604	Reporting	Base templates not saving for new templates created	Med	COMPLETE
1596	Installer	Error on Installtion ieframe.dll	MED/HIGH	COMPLETE
1375	Scheduling / MU	hit eRx button on Patient tab get exception	MED/HIGH	COMPLETE
1145	Reporting	Edit macro twice throws object	Med	COMPLETE

RADNET, Inc. – eRAD RIS Server Update

		reference error		
1096	Reporting	Reporting > viewing report history throws COM error	Med	COMPLETE
1651	HL7	error when processing HL7_StudyScheduled Message	Med	COMPLETE
1622	Payments	Payment made on rescheduled exam was displaying incorrect location and receipt prefix	Med / High	COMPLETE

2. Known Limitations

#	Priority	Subject	Comments
1647	High	Error adding follow up on voided exam	<u>BUG</u> - Most fields are disabled in the view/edit window on voided studies. The few remaining are attachments, payments and follow-up. These will be disabled in future build
1646	High	Interactive Dictation Problems in Build 37	<u>BUG</u> - This is currently resolved by reverted back to the previous recognizer file.
1667	Normal	Historic Tech Only exams do not have "Post" button enabled in billing exception	<u>Known Limitation</u> - Changes have been made in this build to remove the Tech Only check box in the Perform Exam window and have this work flow driven by a new patient class of Tech Only. We have seen that with historical exams on the Billing Exception work list that were flagged as Tech Only, the Post button will not enable. The work around for this issue is to change the patient class to Tech Only, save the record and reopen the Billing Exception work list. The post button will now be enabled.
1665	Normal	Blank help about message	<u>BUG</u> - This has only occurred once. A restart of the application fixed the issue.

RADNET, Inc. – eRAD RIS Server Update

1662	Normal	Availability Templates / appt book colors shown on legend do not contain legend for 2 colours that appear in the grid.	<u>Known Limitation</u> - The colors referenced in this bug are for the background on the calendar, not the statuses of the studies
1661	Normal	Cloning availability templates (problem)	<u>BUG</u> - When cloning, it always adds the template as a "Procedure Availability"
1660	Normal	Reschedule on same day will enable flag for multiple studies	<u>BUG</u> - Occurs when study is rescheduled for same day
1659	Normal	Reporting - No space added when dictating measurements.	<u>BUG</u> - reporting MMODAL bug.
1658	Normal	Pre Auth Program does not appear for referring physician	<u>BUG</u> - If the Referring Physician selected on the order tab has flags in personnel editor for Direct Referral and Pre-Auth Program, only the Direct Referral will display due to space availability
1657	Normal	Setting playbackspeed on control is slow.	
1654	Normal	Perform exam patient history grid issues	<u>BUG</u> - Occurs when the Include option on the patient history grid is unselected.
1650	Normal	Exam Done(tech only) status has Register available in patient folder	<u>BUG</u> - Register button will need to be disabled in future builds.
1649	Normal	Calendar view on multi procedure order	<u>BUG</u> - This may end up a known limitation on the Telrik controls we use in this window. If there are multiple procedures and multiple rooms to select from, the room on the right side can off by 5 minutes

2. Intended Audience

This document is created by the RIS Development team for the RadNet RIS Implementation team.

3. Who is affected

All previous versions of build 37.

4. Package Contents

The following files are included for this upgrade:

- 1.) Core Installer updates_setup\rRISSetup.msi and setup.exe
- 2.) GUI ZIP Updates\rRIS_1.2.37.13040.zip
- 3.) RIS Service Updates\rRISServices.exe, rRISServices.pdb, WCFSservice.dll, WCFSservice.pdb, Wedge.exe, Wedge.pdb
- 4.) SQL\B37.001_updates.sql

5. Installing

- 1.) Copy the file rRIS_1.2.37.13040.zip file **from** the “GUI ZIP Updates” folder and replace the .zip file in the RISDeployment\Build\<RIS_your environment> folder. Make sure to create a backup of the previous .zip file. The ris.exe.config made be needed.
- 2.) Copy and replace the files from the “core Installer updates” folder and replace the _setup folder in the RISDeployment\Core folder.
- 3.) Stop the following services as needed: (NOTE: your installation may not have all services listed) replace the files and restart each service.
These directories may include:
 - a. rRISService (core service)
 - b. CDS rRISService
 - c. Wedge rRISService
 - d. DDE rRISService

RADNET, Inc. – eRAD RIS Server Update

Copy the files from the “RIS Service Updates” folder to rRISService directory and replace the files in each folder associated with the services listed above.
Restart each service.

4.) Run the B37.001_updates.sql file against the RIS DB instance.