

# Server Update

For eRAD RIS

Version 2.0

Build 2.2017.3

Update 2.2017.3.8

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## PACKAGE CONTENTS

 _ReleaseNotes	01/26/2018 4:37 PM
 rRISService	01/26/2018 2:54 PM
 ThickClient	01/26/2018 2:53 PM

## INTENDED AUDIENCE

The intended audience for this document is the RadNet Clinical Systems team and the eRAD Support/Service team.

It is appropriate to share the document with any customers applying the patch, in order to review new feature descriptions and resolved defects.

## WHO IS AFFECTED

Build 2017.3 installs. This server update must be applied to 2017.3.6.

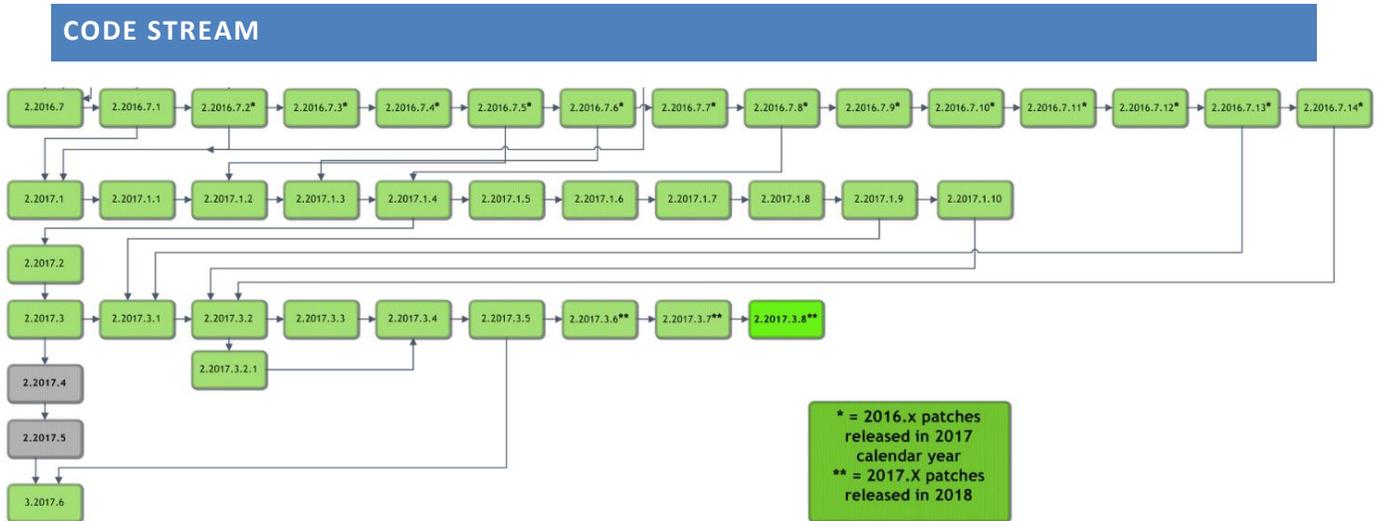
## RESOLVED ITEMS

## eRAD RIS

Redmine #	Subject
19601	Resolved an issue in which adding multiple CC Physicians could result in additional physicians being associated with the first CC physician's report delivery address.
19575	Procedure code General Description is now located in the correct place in messages sent from the Wedge.
19570	Changed the way in which Imagine payments are saved, reducing the risk of failing to save a record of the payment in RIS, which could result in staff inappropriately collecting a duplicate payment. If there is an issue that prevents a payment record from saving, the RIS user will receive a warning message containing the Imagine Reference # and will be instructed to contact an administrator.
19494	Resolved an issue that caused the Save and Close buttons to disappear from the Add Mammo Biopsy screen when more than 4 rows of pathology codes were entered in the Pathology Codes field.
19454	Changed the method of searching the RIS database by UM Tracking Number, in order to prevent time out errors.
19417	Resolved an issue that could cause validation rules to behave improperly when the rule and conditions for the rule referred to information stored in different datasets.
19415	Reduced frequency of an Eligible API call (getCarrierDSByCode), which was previously called excessively and could impact system performance.

The following items, developed for future RIS versions, have been released early in this patch, so that customers can benefit from the changes more quickly.

Redmine #	Subject	Original Resolved Version
19599	Error no longer occurs when opening the Print Forms screen for procedures without a Body Part selected.	2018.1
19600	Resolved an issue that could cause the same CC Physician to be added multiple times in a loop under certain conditions.	2018.1



**ERAD RIS RELEASE VERSION NUMBERS**

Patch	UI Version	Core Version	WS Version	DB Version	Digital Forms	Patient Portal	UM Portal	Provider Portal	Notes
-	2.16.7.0 (3GB)	2.16.7.0	2.16.7.0	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		Full version release
1	2.16.7.1 (3GB)	2.16.7.0	2.16.7.1	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI and Web Service updates
2	2.16.7.2 (3GB)	2.16.7.0	2.16.7.2	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI and Web Service updates
3	2.16.7.3 (3GB)	2.16.7.0	2.16.7.3	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI and Web Service updates
4	2.16.7.4 (3GB)	2.16.7.0	2.16.7.3	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI
5	2.16.7.5 (3GB)	2.16.7.0	2.16.7.3	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI
6	2.16.7.6 (3GB)	2.16.7.0	2.16.7.6	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI and Web Service updates
7	2.16.7.7 (3GB)	2.16.7.0	2.16.7.7	2.16.7.0.00490835	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI and Web Service updates
8	2.16.7.8 (3GB)	2.16.7.0	2.16.7.7	2.16.7.8.00683507	2.16.7.0	1.16.7.0.493031	2.16.7.0.493008		GUI and DB updates
9	2.16.7.9 (3GB)	2.16.7.0	2.16.7.9	2.16.7.9.00715012	2.16.7.0	1.16.7.0.493031	2.16.7.9.723457		GUI, Web Services, DB updates and UM Portal
10	2.16.7.10 (3GB)	2.16.7.0	2.16.7.10	2.16.7.9.00715012	2.16.7.0	1.16.7.0.493031	2.16.7.9.723457		GUI and Web Service updates
11	2.16.7.11 (3GB)	2.16.7.0	2.16.7.11	2.16.7.11.00761267	2.16.7.0	1.16.7.0.493031	2.16.7.9.723457		GUI, Web Service and DB updates
12	2.16.7.12 (3GB)	2.16.7.0	2.16.7.11	2.16.7.11.00761267	2.16.7.0	1.16.7.0.493031	2.16.7.9.723457		GUI
13	2.16.7.13 (3GB)	2.16.7.0	2.16.7.13	2.16.7.13.00823274	2.16.7.0	2.16.7.13.805715	2.16.7.13.805717		GUI, Web Service, DB, Patient and UM Portal updates
14	2.16.7.14 (3GB)	2.16.7.0	2.16.7.14	2.16.7.14.00888220	2.16.7.0	2.16.7.14.897644	2.16.7.14.897646		GUI, Web Service, DB, Patient and UM Portal updates
-	2.17.1.0 (3GB)	2.17.1.0	2.17.1.0	2.17.1.0.00598886	2.17.1.0	2.17.1.0.572290	2.17.1.0.000000		Full Version Release
1	2.17.1.1 (3GB)	2.17.1.0	2.17.1.1	2.17.1.1.00589952	2.17.1.0	2.17.1.0.572290	2.17.1.0.000000		GUI, Web Service and DB updates
2	2.17.1.2 (3GB)	2.17.1.0	2.17.1.2	2.17.1.2.00621962	2.17.1.0	2.17.1.0.572290	2.17.1.0.000000		GUI, Web Service and DB updates
3	2.17.1.3 (3GB)	2.17.1.0	2.17.1.3	2.17.1.3.00640480	2.17.1.0	2.17.1.0.572290	2.17.1.0.000000		GUI, Web Service and DB updates
4	2.17.1.4 (3GB)	2.17.1.0	2.17.1.4	2.17.1.4.00692239	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		GUI, Web Service, DB and Patient Portal updates
5	2.17.1.4 (3GB)	2.17.1.0	2.17.1.5	2.17.1.4.00692239	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		Web Service
6	2.17.1.6 (3GB)	2.17.1.0	2.17.1.5	2.17.1.6.00745281	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		GUI and DB Updates
7	2.17.1.7 (3GB)	2.17.1.0	2.17.1.5	2.17.1.6.00745281	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		GUI update
8	2.17.1.8 (3GB)	2.17.1.0	2.17.1.5	2.17.1.6.00745281	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		GUI update
9	2.17.1.9 (3GB)	2.17.1.0	2.17.1.5	2.17.1.6.00745281	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		GUI update
10	2.17.1.10 (3GB)	2.17.1.0	2.17.1.10	2.17.1.6.00745281	2.17.1.0	2.17.1.4.701924	2.17.1.0.000000		GUI and Web Service update
-	2.17.2.0 (3GB)	2.17.2.0	2.17.2.0	2.17.2.0.00695782	2.17.2.0	2.17.2.0.702238	2.17.2.0.702213	2.17.2.0.702226	Full Version Release. First release of Provider Portal
-	2.17.3.0 (3GB)	2.17.3.0	2.17.3.0	2.17.3.0.00764112	2.17.3.0	2.17.3.0.321	2.17.3.0.321	2.17.3.0.321	Full Version Release. Including Patient, Provider and UM Portals
1	2.17.3.1 (3GB)	2.17.3.0	2.17.3.1	2.17.3.1.00846328	2.17.3.1	2.17.3.1.853299	2.17.3.1.853301	2.17.3.1.856171	GUI, Web Service, DB. Including Patient, Provider and UM Portals
2	2.17.3.2 (3GB)	2.17.3.0	2.17.3.2	2.17.3.2.00898348	2.17.3.2	2.17.3.2.913898	2.17.3.2.913899	2.17.3.1.856171	GUI, Web Service, DB. Including Patient, Provider and UM Portals
2.1	2.17.3.2.1 (3GB)	2.17.3.0	2.17.3.2	2.17.3.2.00898348	2.17.3.2	2.17.3.2.913898	2.17.3.2.913899	2.17.3.1.856171	GUI Only
3	2.17.3.3 (3GB)	2.17.3.0	2.17.3.3	2.17.3.3.00954008	2.17.3.2	2.17.3.3.962869	2.17.3.3.962870	2.17.3.3.962870	GUI, Web Service, DB. Including Patient, Provider and UM Portals
4	2.17.3.4 (3GB)	2.17.3.0	2.17.3.4	2.17.3.4.00987562	2.17.3.2	2.17.3.3.962869	2.17.3.3.962870	2.17.3.3.962870	GUI, Web Service and DB
5	2.17.3.5 (3GB)	2.17.3.0	2.17.3.5	2.17.3.5.01023250	2.17.3.2	2.17.3.5.1023087	2.17.3.5.1025862	2.17.3.5.1023087	GUI, Web Service, DB, Patient Portal, Referring Portal, UM Portal
6	2.17.3.6 (3GB)	2.17.3.0	2.17.3.6	2.17.3.6.01065114	2.17.3.2	2.17.3.5.1023087	2.17.3.5.1025862	2.17.3.5.1023087	GUI, Web Service, DB,
7	2.17.3.7 (3GB)	2.17.3.0	2.17.3.6	2.17.3.6.01065114	2.17.3.2	2.17.3.5.1023087	2.17.3.5.1025862	2.17.3.5.1023087	GUI
7	2.17.3.8 (3GB)	2.17.3.0	2.17.3.8	2.17.3.6.01065114	2.17.3.2	2.17.3.5.1023087	2.17.3.5.1025862	2.17.3.5.1023087	GUI and Web Service
-	3.17.6.0 (3GB)	3.17.6.0	3.17.6.0	3.17.6.0.01037550	3.17.6.0	3.17.6.0.1037868	3.17.6.0.1037869	3.17.6.0.1037869	Full Version Release. Including Patient, Provider and UM Portals

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## INSTALLING

### CLIENT/GUI

Copy and replace the current rRIS...zip file with the eRAD\_rRIS\_2017.3.7.zip file provided with this release.

Be sure to make a backup of the ris.exe.config file contained within the current .zip folder.

### WEB SERVICE

This updated is only required for the Wedge Web Services. The Core RIS Service and Document Distribution Service are not required to be updated.

1. The web service upgrade consists of replacing the files in the RIS Web Service directory with the files supplied in the rRISService folder with this build. Always create a backup of the files being replaced. This upgrade includes 134 files in the rRISService folder and 7 sub folders. Of those folders, 1 is a folder titled “XSL” that contains a sub folder and files within the subfolder. Another folder is titled “**deploy**” that contains the new .config files that will be deployed with the user of the file called “ServicesConfigWizard.exe” (see instructions below). Folders are (Arabic), en\_AU (Australian English), en-ZA (South Africa), he (Hebrew), pt\_BR (Brazilian Portuguese), es-AR (Argentina Spanish) and ru-RU (Russian) and are localization folders. The WedgePlugins folder contains various plugin files for RADAR, MIRTH, Ensemble, etc...

#### **Services Configuration Wizard**

With the release of 42 to decrease the chance of losing configuration setting and missing new configuration options, we will no longer include the configuration files in the release in the main set of files, but they will now exist in a “deploy” folder, which will contain the three site configurable config files; applicationsettings, connectionstrings, and services as well as a copy of the rRISServices.exe configuration file. The contents of this folder should not be required to be touched.

On the install of a new service, all files will be copied to the appropriate locations on the server (no configurations will be over written). If instructed or to confirm no new configurations have been added the user can run the new application “ServicesConfigWizard.exe”

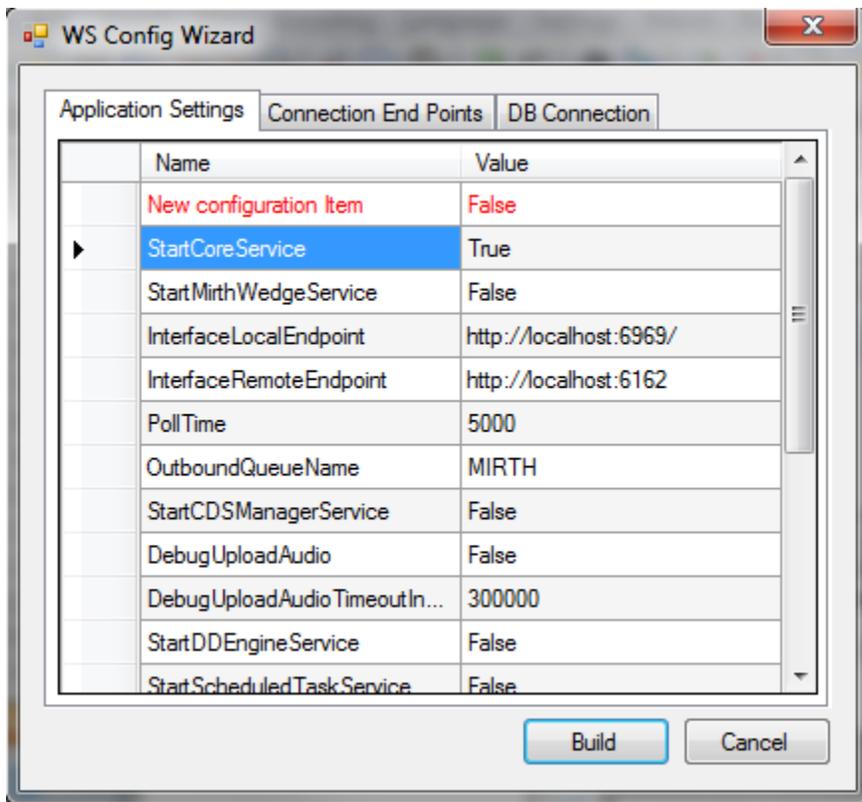
This application will read the existing configuration file(s) (if files exist), and compare to the provided new configuration files then will display three tabs, for each configuration file:

**Application Settings:** all existing configuration value will be displayed, if there are any new configuration entries they will be displayed in red.

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**Connection End Points:** will display the existing configuration, if the value is left blank then that entry will not be created, in the case of “Study Service” or “CDS Service” if both http and net.tcp were not provided then that endpoint will not be created at all.

