

# Server Update

For eRAD RIS

Version 3.0

Build 3.2017.6

Update 3.2017.6.13

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## PACKAGE CONTENTS

 _ReleaseNotes	12/06/18 4:50 PM
 Identity Service	12/04/18 11:55 AM
 PatientConnect	12/04/18 11:56 AM
 Questionnaires	12/04/18 11:55 AM
 ReferringConnect	12/04/18 11:56 AM
 rRISService	12/04/18 11:55 AM
 Service Tools	12/04/18 11:56 AM
 SQLReporting	12/04/18 11:55 AM
 ThickClient	12/04/18 11:55 AM
 UM_Portal	12/04/18 11:55 AM
 Build_2017.6.13.7z	12/06/18 4:48 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

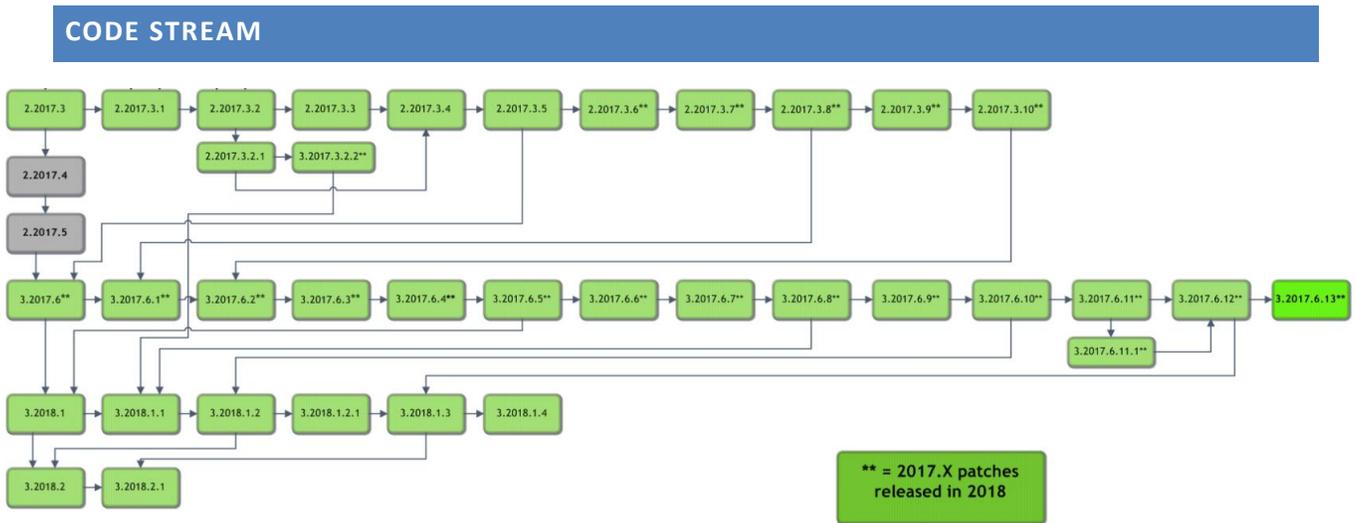
Build 2017.6 installs. This server update must be applied to 2017.6.12.

**RESOLVED ITEMS**

Redmine # for 2017.6.13	Subject
23386	Resolved several display issues when printing diagnostic reports from the Provider Portal. To take full advantage of the changes, ensure that reports are configured with Interactive sizing turned off in the report builder.
23294	<p>To resolve an issue with PACS IW integration using accession number, two changes have been made. The first change is pertinent for ALL PACS integrations.</p> <ol style="list-style-type: none"> <li>1. When any Linked study is opened for dictation, RIS will evaluate the non-primary linked studies for PACS Correction, even if previously marked as PACS Corrected. If the images are found to be unavailable in PACS, RIS will not attempt to load them.</li> <li>2. The PACS IW integration will not return the accession number if an external ID or performed study instance UID is not present. The RIS client asks each PACS integration what identifier it should use for a particular study. If none is returned, RIS will not attempt to load the study. A new config option for IW called 'CheckExternalIDsInAccessionMode' has been added to control this behavior. It is true by default and looks like the following when disabled:  <pre>&lt;config&gt; &lt;UseAccessions&gt;true&lt;/UseAccessions&gt; &lt;CheckExternalIDsInAccessionMode&gt;&gt;false&lt;/CheckExternalIDsInAccessionMode&gt; &lt;/config&gt;</pre>                     This setting has no effect if UseAccessions is false or not specified.</li> </ol>
23357	When PACS image byte array conversion fails, trace log entry will no longer fail.

The following fixes from other versions and are included with this patch.

Redmine # for 2018.1.6	Redmine # for 2017.6.13	Subject
23093	233366	Resolved issue with viewing images for linked exams in the Provider Portal.



**Legend:**

Light Green = Previously Released software

Gray = Internal version, non-release version

Bright Green = Current Release

**ERAD RIS RELEASE VERSION NUMBERS**

Build	Patch	UI Version	Core Version	WS Version	DB Version	Digital Forms	Patient Portal	UM Portal	Provider Portal	Notes
2017.3	-	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
2017.3	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
2017.3	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
2017.3	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
2017.3	2.2	2.17.3.2.1(3GB)	2.17.3.0	2.17.3.2.2	2.17.3.2.00898348	2.17.3.2	2.17.3.2.913898	2.17.3.2.913899	2.17.3.1.856171	Web Services only
2017.3	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
2017.3	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
2017.3	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
2017.3	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,
2017.3	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
2017.3	8	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
2017.3	9	2.17.3.9(3GB)	2.17.3.0	2.17.3.9	2.17.3.6.01065114	2.17.3.2	2.17.3.5.1023087	2.17.3.5.1025862	2.17.3.5.1023087	Web Service
2017.3	10	2.17.3.10(3GB)	2.17.3.0	2.17.3.10	2.17.3.10.01125764	2.17.3.2	2.17.3.5.1023087	2.17.3.5.1025862	2.17.3.5.1023087	GUI, Web Service and DB updates
2017.6	-	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
2017.6	1	3.17.6.1(3GB)	3.17.6.0	3.17.6.1	3.17.6.1.01094077	3.17.6.0	3.17.6.0.1037868	3.17.6.0.1037869	3.17.6.0.1037869	GUI, Web Service and DB updates
2017.6	2	3.17.6.2(3GB)	3.17.6.0	3.17.6.2	3.17.6.2.01130171	3.17.6.2	3.17.6.2.1138297	3.17.6.2.1138298	3.17.6.2.1138298	GUI, Web Service, DB, Patient, Provider and UM Portals and Digital Forms
2017.6	3	3.17.6.3(3GB)	3.17.6.0	3.17.6.3	3.17.6.3.01166033	3.17.6.3	3.17.6.3.1168622	3.17.6.3.1168622	3.17.6.3.1168623	GUI, Web Service, DB, Patient, Provider and UM Portals and Digital Forms
2017.6	4	3.17.6.4(3GB)	3.17.6.0	3.17.6.4	3.17.6.4.01187509	3.17.6.4	3.17.6.4.1190295	3.17.6.4.1190295	3.17.6.4.1190295	Forms
2017.6	5	3.17.6.5(3GB)	3.17.6.0	3.17.6.5	3.17.6.4.01187509	3.17.6.4	3.17.6.5.1199064	3.17.6.5.1199063	3.17.6.5.1199064	GUI, Web Service, Patient, Provider and UM Portals
2017.6	6	3.17.6.6(3GB)	3.17.6.0	3.17.6.6	3.17.6.6.01236363	3.17.6.4	3.17.6.5.1199064	3.17.6.5.1199063	3.17.6.5.1199064	GUI, Web Service and DB updates
2017.6	7	3.17.6.7(3GB)	3.17.6.0	3.17.6.7	3.17.6.7.01257812	3.17.6.7	3.17.6.7.1266287	3.17.6.7.1266287	3.17.6.7.1266287	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2017.6	8	3.17.6.8(3GB)	3.17.6.0	3.17.6.8	3.17.6.8.01276873	3.17.6.8	3.17.6.8.1280869	3.17.6.8.1280870	3.17.6.8.1280869	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2017.6	9	3.17.6.8(3GB)	3.17.6.0	3.17.6.8	3.17.6.8.01276873	3.17.6.8	3.17.6.9.1308097	3.17.6.9.1308098	3.17.6.9.1308098	Patient, Provider and UM portals
2017.6	10	3.17.6.10(3GB)	3.17.6.0	3.17.6.10	3.17.6.10.01335594	3.17.6.10	3.17.6.10.1331371	3.17.6.10.1331372	3.17.6.10.1331372	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2017.6	11	3.17.6.11(3GB)	3.17.6.0	3.17.6.10	3.17.6.11.01347408	3.17.6.10	3.17.6.10.1331371	3.17.6.10.1331372	3.17.6.10.1331372	GUI and DB updates
2017.6	11.1	3.17.6.11.1(3GB)	3.17.6.0	3.17.6.11.1	3.17.6.11.01437968	3.17.6.10	3.17.6.10.1331371	3.17.6.10.1331372	3.17.6.10.1331372	GUI, Web Service, DB,
2017.6	12	3.17.6.12(3GB)	3.17.6.0	3.17.6.12	3.17.6.12.01439318	3.17.6.12	3.17.6.12.1439203	3.17.6.12.1439204	3.17.6.12.1439204	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2017.6	13	3.17.6.13(3GB)	3.17.6.0	3.17.6.13	3.17.6.12.01439318	3.17.6.13	3.17.6.13.1538631	3.17.6.13.1538632	3.17.6.13.1538632	GUI, Web Service, Digital Forms, Patient, Provider and UM portals
2018.1	-	3.18.1.0(3GB)	3.18.1.0	3.18.1.0	3.18.1.0.01228009	3.18.1.0	3.18.1.0.1229289	3.18.1.0.1229290	3.18.1.0.1229290	Full version release
2018.1	1	3.18.1.1(3GB)	3.18.1.0	3.18.1.1	3.18.1.1.01288419	3.18.1.1	3.18.1.1.1299765	3.18.1.1.1299766	3.18.1.1.1299765	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2018.1	2	3.18.1.2(3GB)	3.18.1.0	3.18.1.2	3.18.1.2.01341771	3.18.1.2	3.18.1.2.1355946	3.18.1.2.1355947	3.18.1.2.1355947	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2018.1	2.1	3.18.1.2.1(3GB)	3.18.1.0	3.18.1.2.1	3.18.1.2.01341771	3.18.1.2	3.18.1.2.1355946	3.18.1.2.1355947	3.18.1.2.1355947	GUI and Web Service
2018.1	3	3.18.1.3(3GB)	3.18.1.0	3.18.1.3	3.18.3.0.01471392	3.18.1.3	3.18.1.3.1466761	3.18.1.3.1466762	3.18.1.3.1466762	GUI, Web Service, DB, Management Reports, Digital Forms, Patient, Provider and UM portals
2018.1	4	3.18.1.4(3GB)	3.18.1.0	3.18.1.4	3.18.1.4.01518863	3.18.1.4	3.18.1.4.1527377	3.18.1.4.1527379	3.18.1.4.1527378	GUI, Web Service, DB, Digital Forms, Patient, Provider and UM portals
2018.2	-	3.18.2.0(3GB)	3.18.2.0	3.18.2.0	3.18.2.0.01412126	3.18.2.0	3.18.2.0.1416370	3.18.2.0.1416371	3.18.2.0.1416371	Full Version Release. Including Patient, Provider and UM Portals
2018.2	1	3.18.2.1(3GB)	3.18.2.0	3.18.2.1	3.18.2.1.01490049	3.18.2.1	3.18.2.1.1509822	3.18.2.1.1509823	3.18.2.1.1509822	GUI, Web Service, DB, Management Reports, Digital Forms, Patient, Provider and UM portals

## INSTALLING

### CLIENT/GUI

Copy and replace the current rRIS...zip file with the eRAD\_rRIS\_2017.6.13.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 141 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”

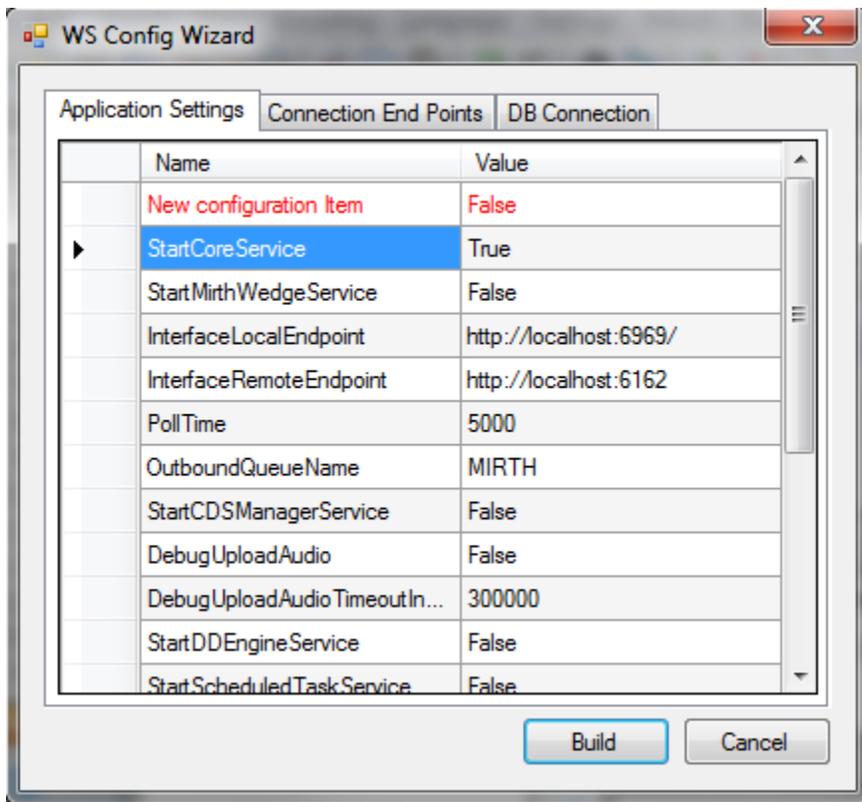
This application will read the existing configuration file(s) (if files exist), and compare to the provided new configuration files then will display three tabs, for each configuration file:

**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.

