Server Update

For eRAD RIS
Version 1.0
Build 37
Update 37.011

Table of Contents

RADNET, Inc. – eRAD RIS Server Update

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 includes the following:

Defects resolved

Redmine #	Subject	Priority
1920 / 1986	The MU Quick Add Edit has a data error. It should be Metformin and not MelFormin.	Med
1918	Managememt Reports - Daily Schedule requires chief complaint to be added to the report.	Med
1926	Error when you right-click to add an MRN to the alternate MRN grid	Med
1939 / 1940	Webservices including all studies from the same appointment in the action data	High
1931	Cannot open Labwork WL	High
1912	Management Report - Unread Exams, request to filter report	Med
1922	Management Report - Imaging Center Manager (ICM) Dashboard inconsistency	Med
1941 / 1932	Reporting - Users can dictate on cancelled exams with Report on Accession number	High
1942	Add Unknown referring - removing access does not hide the button	Med
1925	Appointment Book - Edit schedule does not remove the old one until the window is re-opened	Med
1788	Billing Exception - Editing billing codes will clear billing notes field	Med
1938	Error on reschedule of a single study to scheduling a series	Med
1929	PACS Integration - Relevance not working when adding Modailty Type criteria	High
1886	Relevance Lookup Editor - cant delete row	High
1934	Relevance Calculation - is evaluating inactive rows	High
1947	Register x was not updating the additional visit contact information	Med
1948	RTAT Summary report slow	Med
1989	Problem resolved studies that are unassigned not appearing on Pending Dictation WL	High
1999	Requesting Addendum on study to unassigned rad will not appear on Pending Dictation WL	High
1998	Duration not correctly being assigned correctly on search results	Med
1993	Studies appeared to move from on order to another when HL7 confirmation messages were processed	High

1990	Perform Exam - Study can be completed without tech notes	Med
1598	WPR workflow, multiple same accession numbers	Med
1933	Daily Clean scripts for a large database take very long to run and will inflate transaction log	Immediate
2006	Appointment booking check lock	Med
2005	Scheduling a procedure plan was casuing issues with duration of 0 not finding results	Med
2007	Radiologist middle name needed on report signature	High
1985	Confirmation Screen - Save button bumps the items off	Med
2011	WPR 000 not creating a new accession number	High
2014	Durations for search results not always returning as expected	Med
2010	Resolve problem to assigned rad saves as user who resolved	High
2012	Appointment Book refresh issue	Med
1983	PDF Import causes major problem with FAX PDF Files	Med
1949	Management Reports - Radiologist Dashboard	Med
1859	Removing procedures picker rows and adding again will return error on Save As Order	Med
2023	Study comes back to IVT is someone opens the study in View Edit, and Billing	High
2004	Error scheduling book x on new patient	High

2. Package Contents

Files included for this server update:

1. GUI ZIP Updates folder contains
   a. AudioLib.dll
   b. AudioLib.pdb
   c. CDSJobManagerConsoleClient.exe
   d. CDSJobManagerConsoleClient.pdb
   e. CommonLib.dll
   f. CommonLib.pdb
   g. DynamicFormEditor.dll
   h. DynamicFormEditor.pdb
   i. O2S.Components.PDFRender4NET.dll
   j. PDToImages.exe
   k. Ris.exe
   l. Ris.pdb
   m. UILib.dll
   n. UILib.pdb
   o. WCFClient.exe
   p. WCFClient.pdb
   q. WSNewCropClient.exe
   r. WSNewCropClient.pdb

2. RIS Service Update folder contains:
   a. CDSJobManager.dll
   b. CDSJobManager.pdb
   c. CommonLib.dll
   d. CommonLib.pdb
   e. DDEngine.dll
   f. DDEngine.pdb
   g. O2S.Components.PDFRender4NET.dll
   h. PDFToImages.exe
   i. rRISServices.exe
   j. rRISServices.pdb
   k. rRISServices.vshost.exe
   l. ScheduledTaskManager.dll
   m. ScheduledTaskManager.pdb
   n. SignatureApprovalService.exe
   o. SignatureApprovalService.pdb
   p. WCFService.dll
   q. WCFService.pdb
   r. WebApi.dll
   s. WebApi.pdb

           t.   Wedge.exe
           u.   Wedge.pdb

3. SQL folder contains:
      a. 37.011_updates.sql

4. Reporting.zip folder contains all of the current management reports:
      a. ParentFolder that contains
           i.   dashboards (9 files)
          ii.   management reports (95 files contained in various sub folders)
         iii.   marketing (9 files)
         iv.   samples (numerous files in various sub folders)
          v.   sub-reports (8 files)

      b. scripts folder that contains the files required to run DeployReports.bat
           i.   CreateParent.fldr.rss
          ii.   DeleteAndCreateCoreFolders.rss
         iii.   DeleteAndCreateSampleFolders.rss
         iv.   DeleteCoreFolders.rss
          v.   DeleteSamples.rss
         vi.   ListFolders.rss
        vii.   RISDataSource.rds.rss

      c. DeployReports.bat

NOTE: This folder has been compressed and added to a .zip file to reduce size for file transfer. The folder must be "unzipped" before the reports can be deployed.

5. Intended Audience

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

6. Who is affected

Previous versions of build 37.
Server updates may not be cumulative; therefore this server updated must be applied directly to the previous server update.

7. eRAD RIS Release Version Numbers

Build	Patch	UI Version	Core Version	WS Version	DB Version	Notes
37	-	1.2.37.12843	1.2.37.12782	1.2.37.12843	1.2.37.12843	
37	1	1.2.37.13040	1.2.37.13040	1.2.37.13039	1.2.37.13003	
37	2	1.2.37.13069	1.2.37.13040	1.2.37.13069	1.2.37.13003	
37	3	1.2.37.13069	1.2.37.13040	1.2.37.13069	1.2.37.13003	Just WebAPI updated, no version changes
37	4	1.2.37.13171	1.2.37.13040	1.2.37.13165	1.2.37.13171	
37	5	1.2.37.13347	1.2.37.13040	1.2.37.12979	1.2.37.12979	Bug was discovered with version numbers, this is why it appears we went backwards in the version number but we really did not.
37	6	1.2.37.13665	1.2.37.13040	1.2.37.13580	1.2.37.12979	
37	7	1.2.37.13807	1.2.37.13040	1.2.37.13799	1.2.37.13807	
37	8	1.2.37.13807	1.2.37.13040	1.2.37.13827	1.2.37.13807	
37	9	1.2.37.13807	1.2.37.13040	1.2.37.13839	1.2.37.13807	
37	10	1.2.37.13895	1.2.37.13040	1.2.37.13895	1.2.37.13895	
37	11	1.2.37.14161	1.2.37.13040	1.2.37.14161	1.2.37.14161	

8. Installing

1) Copy the files in the GUI ZIP Updates folder and replace those in the rRIS_1.2.37.13895.zip folder. Rename the zip file to be **rRIS_1.2.37.14161.zip**

2) Stop each service listed below. Copy the files from the RIS Service Updates folder to the directory for each rRISService.
   rRISService directories include:
   a) *rRISService*
   b) *CDS rRISService*
   c) *Wedge rRISService*
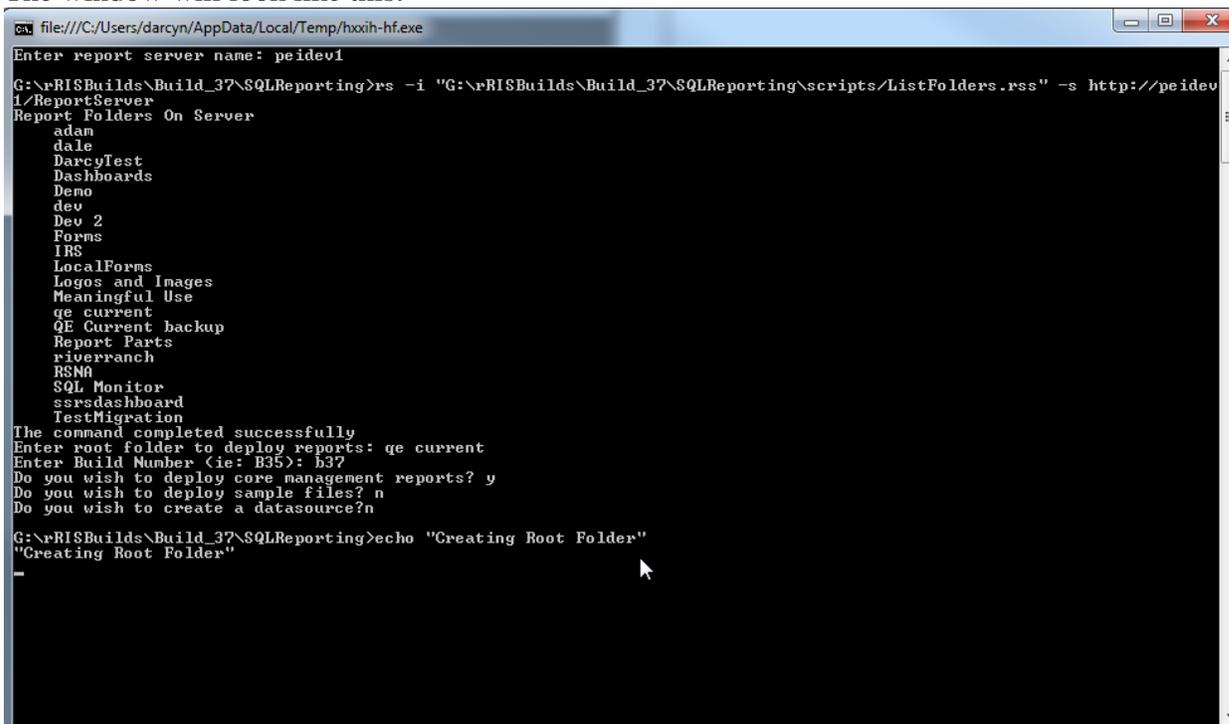   d) *DDE rRISService*

   Restart each service

3) Run the B37.011_updates.sql file against the eRAD RIS database instance.

4) Copy the Reporting.zip file to the local server. Unzip the contents before running the DeployReports.bat file. Completing the DeployReports.bat file will replace all core management reports and all samples if you choose yes to the associated prompt. It will not affect any custom folders that have been created on the report server.

To get the latest Management Reports:
a) Run the DeployReports.bat file by double clicking on the file
b) Enter the report server name: Example – MDBAL01RIS001. The report folders on the server will be displayed
c) Enter the root folder to deploy the reports : Example - Baltimore Sandbox
d) Enter the build number – Example b37
e) Next question will ask if you want to deploy core management reports – input y
f) Next question will ask if you want to deploy sample files – input n
g) Next question will ask if you wish to create a datasource – input n. (Note: creating a datasource would be used for a new installation and creating SQL Server Reporting Services for the first time)

The window will look like this: