

HOTFIX

for eRAD RIS

Version 1.0

Build 35

Hotfix 35.006

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1. Purpose

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

This HOTFIX includes the following:

- 1) Redmine Bug 1157: Image Center Manager (ICM) Dashboard was not completed in Build 35. This has 2 new report files and a .sql file
 - a) Accession Milestone Time.rdl
 - b) Imaging Center Manager (ICM).rdl
 - c) Patch-b35-3.sql. This script creates:
 - i) 2 new views – c_mam_t_wait_times and c_mgmt_PWT.
 - ii) 1 new function – c_GetPatientNameFromPatientKey
 - iii) 1 Updated view – c_mgmt_unread_exams
 - iv) 1 updated stored procedure – c_GetDailyModalityUtilization

- 2) Append MRN with letter – This is a request for production so the MRN's generated from RIS do not collide with MRN's from legacy systems. The MRN will be appended with an r for all new generated MRN's.

This has 4 new files for the rRISServices directory and a .sql file

 - a) CommonLib.dll
 - b) CommonLib.pdb
 - c) WCFService.dll
 - d) WCFService.pdb
 - e) defaultMRNSuffix.sql – Creates new system config entry and adds value of r for the config value.

- 3) Redmine Bug 1262: When a user tries to manually send out a legacy report at Highway, it fails in the distribution queue with a "Could not generate report: The system cannot find the file specified" error.

This issue was caused by the use of the PDFToImages.exe utility to manipulate the legacy report. This executable and a dll it depends on could not be found for two reasons. First, they were not being included with the service binaries and second, the path on which the service was looking for it was incorrect. The build process has been updated to include these files and the path issue has been corrected to ensure that it is looking for PDFToImages.exe in the same directory as the rest of the assemblies.

This includes 4 new files to be added or replaced in the Document Distribution Service directory

- a) PDFToImages.exe
 - b) O2S.Components.PDFRender4NET.dll
 - c) DDEngine.dll
 - d) DDEngine.pdb
- 4) Redmine Bug 1183 – Fix will exclude study items and bill codes that are not active. Removes trailing suffix from the MRN (problem with Radnet Nobel blender). Corrects mappings when multiple interpretation nodes are included in the message. The fix includes the Billing folder to be replaced on the Mirth server. The billing folder contains 17 files:
- a) 01_DecodeContainer.js, ACC.js, EVN.js, FT1.js, GT1.js, IN1.js, MSH_ADT.js, MSH_DFT.js, msh_ORU.js, OBX.js, ORC_OBR.js, PID.js, PV1.js, VariableSetup.js, ZCS.js, ZFT.js, ZIN.js
- 5) Redmine Bugs 1264 and 1265 –
- Bug 1264 - Turnaround times not all being reported correctly. Incorrect user being looked for to get the drafted date from mModal in VR1 it was “Service: rRISServices” now in RIS is now called “System”
- Bug 1265 - Numbers for component Unread Exams being incorrectly counted. Needed to add a PACS corrected flag and a coalesce to performed_end_date, performed_start_date to correct handle null performed_end_dates.
- The 3rd part is an enhancement to the Result Template used at New City (Highway). The fix is to provide a function called by the view which returns a formatted name in LastName Suffix, FirstName of the patient. This issue came to light when a patient was also a Dr and he expected to see MD after his name.
- a) Files included are NewCityDiagnosticReport.rdl and Patch-b35-4.sql
- 6) Redmin Bugs 1275 and 1282 (partial fix) –
- Bug 1275 – This fixes an issue using the F8 key on keyboard. If dictating as non-interactive and the F8 key is used to initiate dictation, some interactive commands were firing.
- Bug 1282 – MT polling studies from same order is not skipped when locked. Studies belonging to the same order, such as a stat read, work list will apply a lock on both studies if either is opened. The issue is when using the MT polling workflow the “other study” can still be accessed.
- a) Files included are ris.exe and WCFService.dll.

2. Intended Audience

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

3. Who is affected

Previous versions of build 35. Current build is 1.1.35.10752.

4. Installing

Please remember to take a backup of all files before replacing with current HOTFIX

To install this hot fix:

Redmine Bug 1157:

- 1) *Manually add and/or replace the 2 report files on the report server.*
 - a) *Accession Milestone Time.rdl*
 - b) *Imaging Center Manager (ICM).rdl*
- 2) *Run the Patch-b35-3.sql file against your database.*

Append MRN with letter:

- 1) *Copy the 4 files to the rRISService directory.*
- 2) *Run the defaultMRNSuffix.sql file against your database*

Redmine Bug 1262:

- 1) *Manually add/replace the included files into the directory containing the Document Distribution Service.*

Redmine Bug 1183:

- 1) *To install, connect to your Mirth server, copy mapping files to the appropriate billing channels and re-deployment the channels.*

Redmine Bugs 12364 and 1265:

- 1) *Manually add or replace the report file on the report server*
 - a) *NewCityDiagnosticReport.rdl*
- 2) *Run the Patch-b35-4.sql file against your database*

RedMine Bugs 1282 and 1275:

- 1) *From the RISDeployment directory, unzip the rRIS_1.1.35.10752. Replace the ris.exe file.
Re-zip the contents and rename the zip folder to rRIS_1.1.35.10752a*
- 2) *In the rRISServices directory replace the WCFService.dll*

If you have any questions regarding this Hotfix, contact Darcy Noye with the PEI RIS Development Team.