

Server Update

For eRAD RIS
Version 1.0
Build 41
Update 41.001

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1. New Features

41.001 New Features

PACS Server Override

It has been requested that radiologists be able to access images on eRAD PACS and PACS IW from the same work list without changing the practice selected in the Org picker. This is now possible with the selection of a new user preference.

On the Integration tab there is a new option titled PACS Server and associated list box. This list box will contain the available PACS systems configured in the PACSServer lookup table that are in Active status.

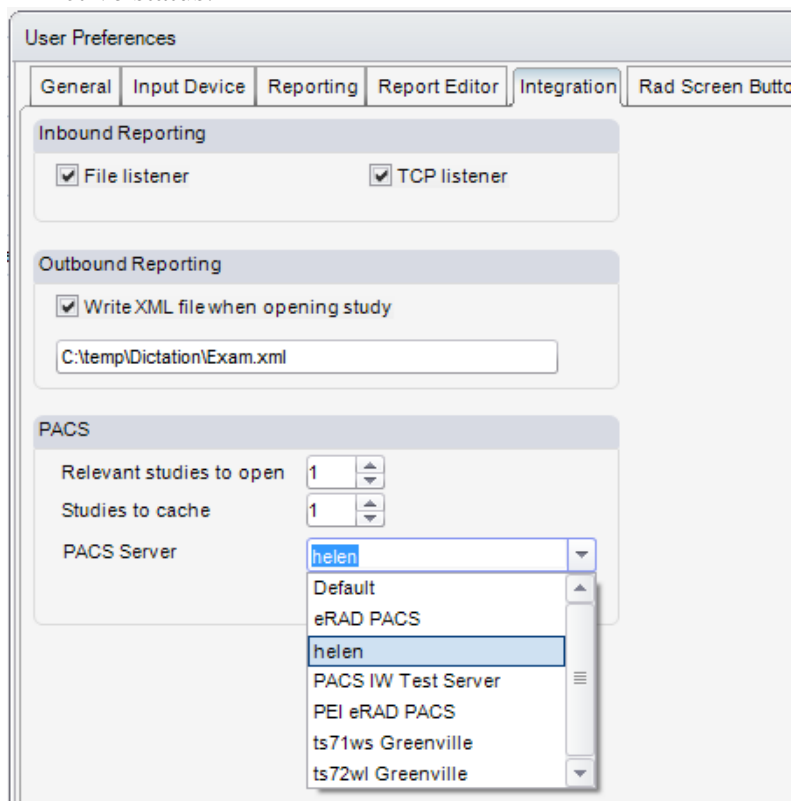


Figure 1.1 – PACS Server user preference

One of the PACS Server options is Default. If this is selected, the default PACS Server associated with your current practice selected in the Org picker will be used (same as before). If a specific server is selected, this will be the PACS that the images are displayed. For instance, if patient A has images on eRAD PACS and also PACS IW Test Server, when that server is selected the call for PACS will be made to that server and not the default for the practice.

NOTE: If the PACS Server user preference selection is changed, the user will need to log out and back in again to pick up the changes. The user may encounter an error if they don't logout after changing the user preference.

40.018 New Features – The features in 40.018 were not included in the original build of 41. The new features and bug fixes have been included in this 41.001 build.

Optimize field navigation

In build 40.017 we introduced a change to the mic wizard. The selection of the recording device and Speechmike calibration. Missing in the GUI was the ability to select a playback device. (This can be accomplished in the windows control panel > sound option.) In build 18 we have replaced the Microphone Settings window, with the Recording and Playback Settings window displayed in Figure 1.1.

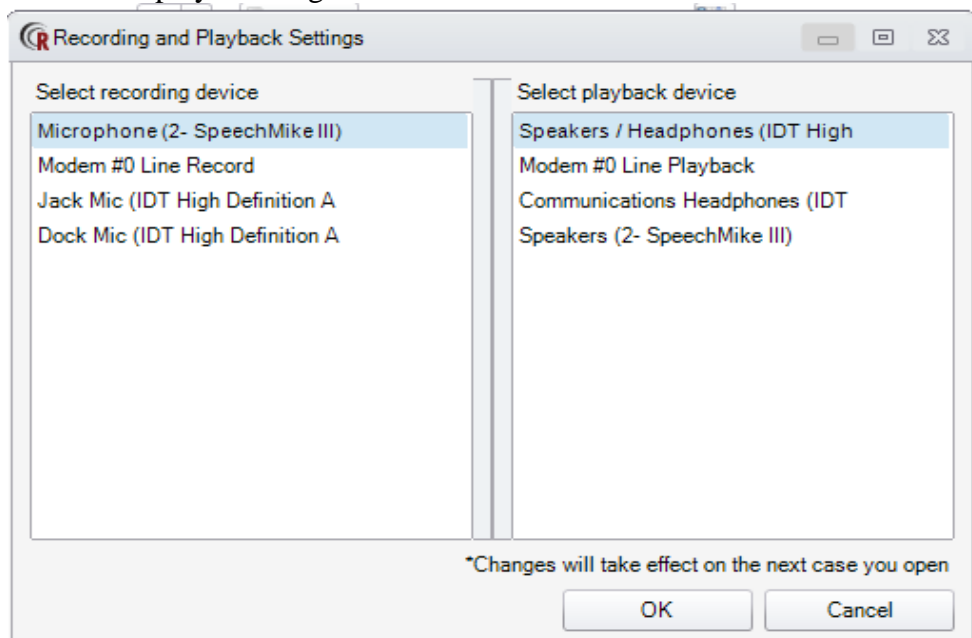


Figure 1.2 – Recording and Playback Settings

This window is accessed from within the Reporting window and selecting the Recording and playback settings option on the toolbar.

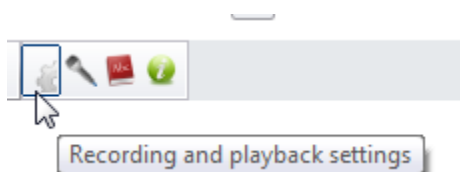


Figure 1.3 – Recording and Playback Settings toolbar button

In this window the recording and playback devices can be selected. As noted in the Recording and Playback Settings window the changes will take affect

Recognizer deployment

In previous builds the MModal Recognizer file was included with the install process. This has been removed from the install process.

This file can be replaced manually or via the use of the User Preference on the Reporting tab titled “Automatically download recognizer” and at next login, the newest will be downloaded from M*Modal. If this **option** is selected, the user **must be aware** that the Recognizer could change at each login.

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2. Defects Resolved

The following defects that have been resolved in the 41.001 server release

Redmine #	Subject	Priority
4622	Message boxes inaccessible when dictating in minimized mode	High
3871	Magview reports need addendums to be signed in Magview	High
4691	RRR - IVT user activity issue	Normal

The following defects were resolved in Build 41 but were missed in the release notes.

Redmine #	Subject	Priority
4471	Mammo - Edit Mam Target Date is missing	Urgent
4599	Message: "an error occurred while retrieving patient history worklist" when opening the biopsy screen from the FollowUp window	High
4592	Patient Merge, Patient History not showing current Patient, Show license button still active	High
4656	Input string was not in a correct format error on clicking IVT button from the billing codes	Normal

The following defects were resolved in 40.018 and added to the 41.001 server release

Redmine #	Subject	Priority
4564	Batch users lost ability to run microphone wizard to set gain on the microphone	High
4710	Reporting - inserting a template or macro with interactive timestamps will cause playback corruption and confusion	Urgent
4715	Portions of reports are not showing in distributed report	Immediate
4717	Sections from incorrect practice loading into template editor	High
4563	Inability to change playback device for rads.	High

The follow defects are listed as Known Limitations.

Redmine #	Subject	Info
4776	PACS Server override user preference requires log-out, then log-in to take effect	This bug is regarding a new feature that enables a user to use the same work list in a practice but use more than one different PACS system. Users must log out and back in to get the user preference update for PACS Server.
4780	Known Limitation - Side by side registration broken from 40.016 - 40.017	The core install must be used to move between build 40.016 and other previous versions of build 40 and 40.017, 40.018 and any version 41 builds. This is due to incompatibility with M*Modal dll's

3. Package Contents

Files included for this server update:

- 1) GUI ZIP Updates folder contains
 - a) rRIS_1.3.40.19356 (3GB).zip
- 2) RIS Service Updates folder contains the following 19 files and 1 subfolder titled XSL. The XSL folder also contains 1 subfolder titled Stylesheets. The following files are contained in the Stylesheets folder
 - a) CDSJobManager.dll
 - b) CDSJobManager.pdb
 - c) CommonLib.dll
 - d) CommonLib.pdb
 - e) DDEngine.dll
 - f) DDEngine.pdb
 - g) rRISServices.exe
 - h) rRISServices.pdb
 - i) rRISServicesx64.exe
 - j) ScheduledTaskManager.dll
 - k) ScheduledTaskManager.pdb
 - l) SignatureApprovalService.exe
 - m) SignatureApprovalService.pdb
 - n) WCFService.dll
 - o) WCFService.pdb
 - p) WebApi.dll
 - q) WebApi.pdb
 - r) Wedge.pdb
 - s) Wedge.exe
 - t) XSL folder contains a subfolder titled Stylesheets:
 - i. CDAToHTMLCompleteReport.xslt
 - ii. CDAToHTMLImpressionSection.xslt
 - iii. CDAToRIS.xslt
 - iv. CDAToTxt.xslt
 - v. DocumentModelReport.xslt
 - vi. DocumentModelReportAsXml.xslt
- 3) SQL folder contains:
 - a) B41_001.sql

4. Intended Audience

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

5. Who is affected

Build 41 installs. This server update **must be applied directly to the build 41 core install**. Server updates are not cumulative. Any previous server updates must be applied before this one.

6. eRAD RIS Release Version Numbers

Build	Patch	UI Version	Core Version	WS Version	DB Version	Notes
39	-	1.3.39.15389	1.3.39.15389	1.3.39.15377	1.3.39.15355	Full version release
39	1	1.3.39.16026	1.3.39.15943	1.3.39.15943	1.3.39.15957	Requires Core Install. GUI.zip, Web Service, and Database updates
40	-	1.3.40.16628	1.3.40.16628	1.3.40.16628	1.3.40.16628	Full version release
40	1	1.3.40.16849	1.3.40.16659	1.3.40.16744	1.3.40.16727	GUI.zip, Web service, database updates and SQL Management reporting
40	2	1.3.40.16868	1.3.40.16659	1.3.40.16868	1.3.40.16727	GUI.zip and Web Service
40	3	1.3.40.16868	1.3.40.16659	1.3.40.16868	1.3.40.16727	DB updated only
40	4	1.3.40.16967	1.3.40.16659	1.3.40.16932	1.3.40.16961	GUI.zip, Web service, database updates
40	5	1.3.40.17087	1.3.40.16659	1.3.40.17069	1.3.40.17087	GUI.zip, Web service, database updates
40	6	1.3.40.17146	1.3.40.16659	1.3.40.17146	1.3.40.17146	GUI.zip, Web service, database updates
40	7	1.3.40.17268	1.3.40.16659	1.3.40.17268	1.3.40.17259	GUI.zip, Web service, database updates
40	8	1.3.40.17364	1.3.40.16659	1.3.40.17362	1.3.40.17343	GUI.zip, Web service, database updates
40	9	1.3.40.17370	1.3.40.16659	1.3.40.17370	1.3.40.17370	GUI.zip, Web service, database updates
40	10	1.3.40.17435	1.3.40.16659	1.3.40.17435	1.3.40.17370	64 BIT web service. GUI.zip, Webservice.
40	11	1.3.40.17435	1.3.40.16659	1.3.40.17525	1.3.40.17370	Web service update
40	12	1.3.40.17685	1.3.40.16659	1.3.40.17685	1.3.40.17648	GUI.zip, Web service, database updates
40	13	1.3.40.17776	1.3.40.16659	1.3.40.17776	1.3.40.17648	GUI.zip, Web service
40	14	1.3.40.18063(3GB)	1.3.40.16659	1.3.40.18063	1.3.40.18063	GUI.zip, Web service, database updates
40	14.1	1.3.40.18063(3GB)	1.3.40.16659	1.3.40.18107	1.3.40.18063	Web service
40	15	1.3.40.18127(3GB)	1.3.40.16659	1.3.40.18127	1.3.40.18127	GUI.zip, Web service, database updates
40	16	1.1.3.40.18585 (3GB)	1.3.40.16659	1.3.40.18585	1.3.40.18646	GUI.zip, Web service, database updates
40	16.1	1.3.40.18705 (3GB)	1.3.40.16659	1.3.40.18585	1.3.40.18646	GUI.zip
40	17	1.3.40.18780 (3GB)	1.3.40.18756	1.3.40.18756	1.3.40.18646	Core install required for Radiologist User Group. GUI.zip, Core setup, and Web Service updates
40	18	1.3.40.19253(3GB)	1.3.40.18756	1.3.40.18756	1.3.40.19253	GUI.zip, Web Service and database updates
41	-	1.3.41.19135(3GB)	1.3.41.19135	1.3.41.19135	1.3.41.19135	Full version release
41	1	1.3.41.19356(3GB)	1.3.41.19135	1.3.41.19346	1.3.41.19346	GUI.zip, Web Service and database updates

7. Installing

- 1) Copy and replace the current rRIS...zip file with the rRIS_1.3.40.19356.zip file provided with this release.

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

- 2) Stop each service listed below. Copy the files from the RIS Service Updates folder to the directory for each rRISService. Be sure to make backup of all files, but especially the rRISServices.exe.config and rRISServices.vshost.exe.config files.

rRISService directories include:

- a) rRISService*
- b) CDS rRISService*
- c) Wedge rRISService*
- d) DDE rRISService*

Restart each service.

- 3) Run the B41_001.sql file against the eRAD RIS database instance.