

Server Update

For eRAD RIS
Version 1.0
Build 40
Update 40.009

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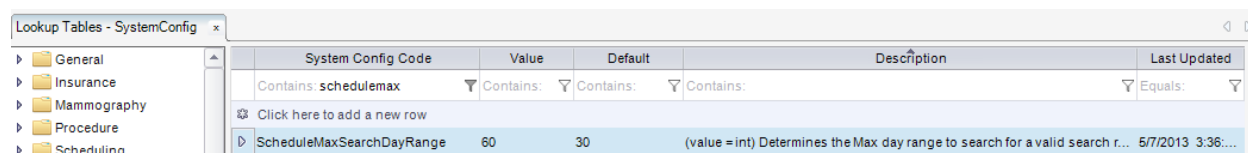
1. New Features

Scheduling – Limit Search Results for Appointment Schedules

This is feature 3844

Before this feature, users didn't have a restriction on the number of days that they could search for available times when scheduling a new appointment. If the search was repeatedly performed over an entire year, it is a waste of system resources.

A new system config variable was introduced to limit how many days users can search for time. The name of the variable is titled **“ScheduleMaxSearchDayRange”** and has a default of 30 days. The value column can override the default, so an administrator can reduce or extend the allowed days to search.



System Config Code	Value	Default	Description	Last Updated
Contains: schedulemax	Contains: ▼	Contains: ▼	Contains: ▼	Contains: ▼
Click here to add a new row				
ScheduleMaxSearchDayRange	60	30	(value = int) Determines the Max day range to search for a valid search r...	5/7/2013 3:36:...

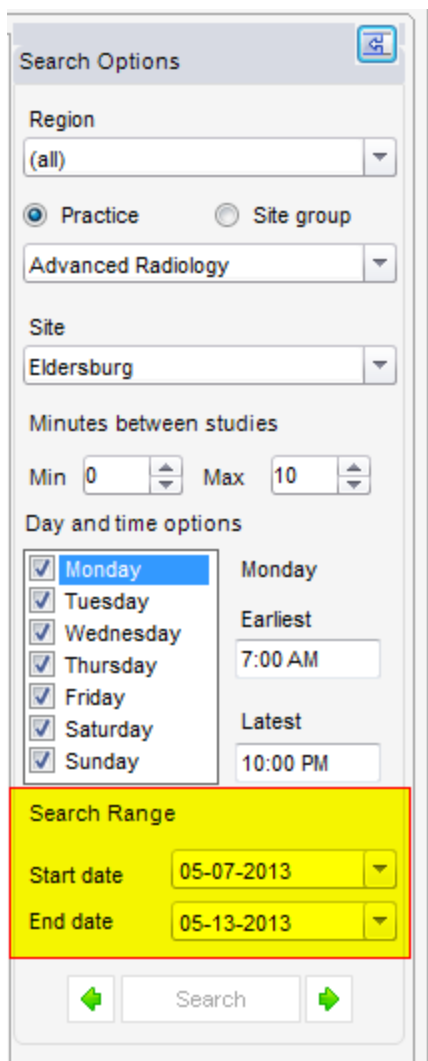
Figure 1.1 – SystemConfig table displaying new config setting “ScheduleMaxSearchDayRange”

In the example above the Value has been increased to 60 days.

When the user is creating a New Appointment, the Schedule Order window opens. On the Schedule tab we have the Search Options on the right of this tab.

The Search Range will default to the value set from an existing system config variable “ScheduleDefaultSearchDayRange”. In my example below it is set for 7 days.

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Search Options

Region
(all)

☒ Practice ☐ Site group

Advanced Radiology

Site
Eldersburg

Minutes between studies
Min 0 Max 10

Day and time options

☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ Sunday

Monday
Earliest
7:00 AM
Latest
10:00 PM

Search Range

Start date 05-07-2013

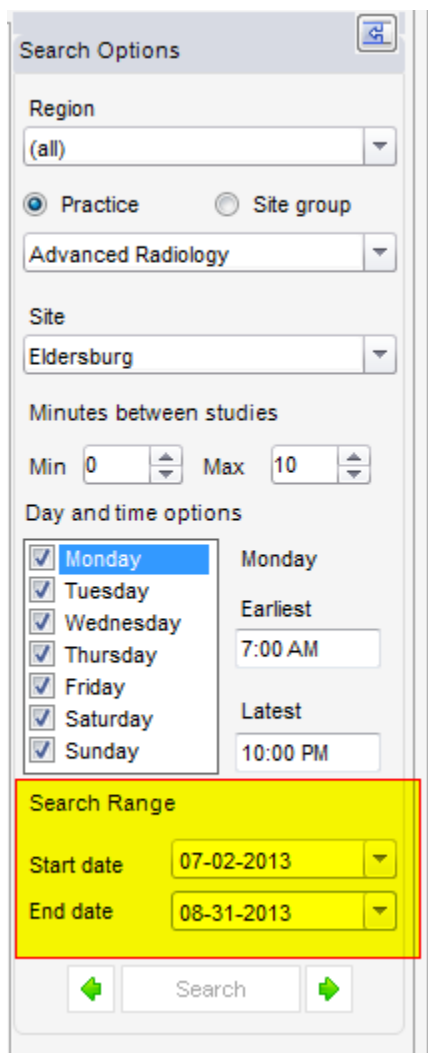
End date 05-13-2013

Search

Figure 1.2 – Search Range is defaulted to “ScheduleDefaultSearchDayRange”

Since I have the system config setting for “**ScheduleMaxSearchDayRange**” = 60, if I change the end date of my search range to August 31, the start date will automatically change to July 2nd (end date minus 60)

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Search Options

Region
(all)

☒ Practice ☐ Site group

Advanced Radiology

Site
Eldersburg

Minutes between studies
Min 0 Max 10

Day and time options

☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☒ Sunday

Monday
Earliest
7:00 AM
Latest
10:00 PM

Search Range

Start date 07-02-2013

End date 08-31-2013

Search

Figure 1.3 – Search range end date set months ahead, the start date will change to equal that of new variable

If the above start date Search Range is changed to June 1st, the End Date will automatically change to be that of the start date + 60 days.

However, if in the example above, the start date Search Range is changed to be after the end date (example September 1st), it will not move the end date to be Start Date + 60. It will instead use the value for the system config variable “ScheduleDefaultSearchDayRange” which in my case would be 7 days. So the end date would be September 7th.

2. Defects Resolved

Redmine #	Subject	Priority
3843	Appointment search was skipping available time slots because of appeared conflict	Normal

2. Package Contents

Files included for this server update:

- 1) GUI ZIP Updates folder contains
 - a) rRIS_1.3.40.17370.zip
- 2) RIS Service Updates folder contains
 - 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) rRISServices.vshost.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.exe
 - s) Wedge.pdb
- 3) SQL folder contains:
 - a) B40_009.sql

3. Intended Audience

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

4. Who is affected

Build 40 installs. This server update must be applied directly to the build 40 core install. Server updates are not cumulative. Any previous server updates must be applied before this one.

5. 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	Full version release
37	1	1.2.37.13040	1.2.37.13040	1.2.37.13039	1.2.37.13003	Core install, GUI.zip, web service and database updates
37	2	1.2.37.13069	1.2.37.13040	1.2.37.13069	1.2.37.13003	GUI.zip and Web service updates
37	3	1.2.37.13069	1.2.37.13040	1.2.37.13069	1.2.37.13003	WebAPI updated, no version changes
37	4	1.2.37.13171	1.2.37.13040	1.2.37.13165	1.2.37.13171	GUI.zip, web service, and database updates
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 did not.
37	6	1.2.37.13665	1.2.37.13040	1.2.37.13580	1.2.37.12979	GUI.zip and Web service updates
37	7	1.2.37.13807	1.2.37.13040	1.2.37.13799	1.2.37.13807	GUI.zip and Web service updates. Also MIRTH mapping changes
37	8	1.2.37.13807	1.2.37.13040	1.2.37.13827	1.2.37.13807	Web service update
37	9	1.2.37.13807	1.2.37.13040	1.2.37.13839	1.2.37.13807	Web service update
37	10	1.2.37.13895	1.2.37.13040	1.2.37.13895	1.2.37.13895	GUI.zip, Web service and database updates
37	11	1.2.37.14161	1.2.37.13040	1.2.37.14161	1.2.37.14161	GUI.zip, Web service, database updates and SQL Management reporting
37	12	1.2.37.14267	1.2.37.13040	1.2.37.14161	1.2.37.14267	GUI.zip, Web service and database updates
37	13	1.2.37.14326	1.2.37.13040	1.2.37.14326	1.2.37.14326	GUI.zip, Web service and database updates
38	-	1.2.38.14486	1.2.38.14486	1.2.38.14486	1.2.38.14486	Full version release
38	1	1.2.38.14748	1.2.38.14748	1.2.38.14748	1.2.38.14748	Core install required
38	2	1.2.38.15182	1.2.38.14748	1.2.38.14748	1.2.38.14748	GUI.zip update only
38	3	1.2.38.15251	1.2.38.14748	1.2.38.14748	1.2.38.14748	GUI.zip update only
38	4	1.2.38.15327	1.2.38.14748	1.2.38.15290	1.2.38.14748	GUI.zip and Web service updates
38	5	1.2.38.15513	1.2.38.14748	1.2.38.15513	1.2.38.15451	GUI.zip, Web service and database updates
38	6	1.2.38.15618	1.2.38.14748	1.2.38.15513	1.2.38.15618	GUI.zip and database updates
38	7	1.2.38.15768	1.2.38.14748	1.2.38.15768	1.2.38.15618	GUI.zip and Web Service updates
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

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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

6. Installing

- 1) Copy and replace the current rRIS...zip file with the rRIS_1.3.40.17370.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 B40_009.sql file against the eRAD RIS database instance.