



Customer Release Notes

eRAD PACS
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Server Build 36

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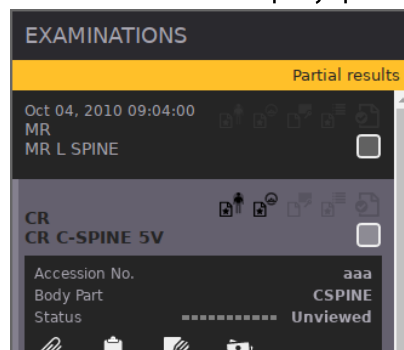
New Features and Enhancements

1. Change default of Keep new studies for setting to 18000 days

To protect against unintended study removal, the time a study remains on the system before it is eligible for purging defaults to 50 years for new installs. This setting, *Keep New Studies For*, can and should be customized during system installation. Existing servers that do not automatically purge studies inherit the new default if and when auto-purging is enabled. Existing servers configured to purge studies apply the existing purge period, if configured, or the previous default (7 days).

2. Partial result indication on worklist patient folder

When the worklist's patient folder's study list contains partial results, a warning appears at the top of the study list. Partial results occur when the criteria used to match prior exams match more studies than the query qualifier settings allow.



3. Handle incorrect file references gracefully when (partial) deleting a study

During partial delete operations, such as deleting a study's images and keeping its report, the reference count could drop to zero in certain conditions, causing the system to delete the entire study. This change identifies these conditions and adjusts the reference count to avoid purging the entire study.

Resolved Issues

1. Some patient matching configurations can cause degraded performance/crash

When patient matching queries contain non-unique data, such as an empty patient name or accession number, the system places a hard limit on the number of matches returned. This limit is 500. It is configurable on the GUI, at *Admin/Server Settings/System/Set matching criteria/Patient Matching Hard Limit*. If this limit is exceeded when searching local studies, no search is performed to find remote studies. Also, the system assesses the query criteria and 1) if the query criteria match a list of configured filters and values, such as a NULL patient ID,

either aborts the query or skips the filter. In these cases, a single match is returned, and the user is notified partial results are displayed. Rules can be configured from *Admin/Server Settings/System/Set matching criteria/Patient Matching Field Rules*.

2. Studies cannot be merged if one is owned by the child and the other by the hub

Study merging is performed by the owner device. If studies in the merge request were owned by different child servers, the merge request failed. Now, the merge request will be performed by the hub server.

3. Trusting incoming connections to Apache Tomcat

A possible security vulnerability affecting Apache Tomcat (CVE-2020-1938) has been eliminated.

4. Web service CreateUser call can add user with empty user id

The web services call to create users failed to check for an empty string user ID, allowing the system to create a user ID it was unprepared to support. This has been resolved.

5. Keep object timestamp when compressing objects from a Compress Data action

The compress data action unintentionally updated the Receive Date. The original Receive Date is now preserved.