Customer Release Notes

eRAD PACS
Version 8.0
Server Build 37

Release Date September 14, 2021

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New Features and Enhancements

1. **Report field delimiter settings**

   The default field delimiters used to identify tagged fields are configurable on the Admin/Server Settings/Report page. User-specific values overriding the system defaults are available on the User Preferences/Report Panel Options page.

2. **Inherited user preferences/settings**

   A user's server settings (user preferences) are inherited from the group's settings which are themselves inherited from the system default settings. Some system and group settings are configurable from GUI pages but they're all available from configuration files, typically in var/conf.

3. **Eliminate system default option to override group default from user level preferences**

   The user's default start page and viewer version settings, and perhaps other settings, inherit the group or system default unless overridden with a custom selection. The option to explicitly use the group or system setting has been removed from the selection list and replaced with the conventional "Use Default" tool/icon.

4. **Uploading non-compliant DICOM CD**

   Data uploaded from non-DICOM-compliant media will be accepted if the object is readable, whether it complies with DICOM's media and file requirements. When the data from non-DICOM-compliant media cannot be uploaded, a human readable message is presented to the user containing details, when possible.

5. **Actions logged if a bad database field is used in the filter**

   When Action queries fail for technical reasons, the action is not applied to the results. A log entry is created showing the query criteria.

6. **Display component lists in compound list details panel**

   A compound filter's details panel, on the Other Lists page, displays the name of the individual filters making up the compound list and the filter criteria applied by each individual filter.

7. **Add Web viewer settings to user preference hierarchy**

   Web viewer settings have been updated to behave like other user settings. They are based on system default settings and can be overridden by each user account. Web viewer settings do not have a group override option. Individual web viewer settings can be defined from the Web Viewer Options page on the user's Preferences page.

8. **Streamserver reconnect with specific metrics**
   DEPENDENCY NOTICE – To use this feature, the viewer must support VIW-310.
   > To eliminate overhead when establishing a new streaming connection, the server notifies the viewer when it can provide specific performance details, including streaming turnaround time, packet size and performance measurements.

9. **Canned Report Sorting Evo Viewer**
   > The list of canned reports is sorted alphabetically without regard to case. The type ahead search tool ignores the case as well.

10. **User configuration file should be proliferated**
    > Recent updates changed the proliferation of settings stored in the user configuration file. These have been corrected. User settings are proliferated when user accounts are imported, when user or group accounts are added or edited from the GUI or web services commands, user preferences are edited, web viewer settings are edited, creating DICOM media modify the default settings, and folder worklist layouts are changed.

Resolved Issues

1. **Orders are not disabled on the worklist**
   > Orders are not meant to be opened in the viewer so the Open button on the worklist has been disabled.

2. **Device down flag remains after deleting device**
   > Deleting a device while it is disabled failed to remove the downed file. If a device was later created using the same name, the recollect function reported an error. This has been resolved.

3. **Web viewer settings are imported from 7.2 but not applied correctly in v8**
   > Importing a user's v7.2 web viewer settings stores the data correctly in the database but at startup, medsrv updates the configuration settings file from a conversion file, not the database. As a result, the web viewer does not use the imported settings. This has been resolved.

4. **File reference counts don't match the study's object count**
   > If some objects are deleted from a study (from the Tech View page) and the last two are processed simultaneously, the release handler can be called twice but it doesn't lock the resources, resulting in a calculation error in the reference counter. This has been resolved.

5. **Conditional formatting does not work when the condition is empty filter**

    Conditional row formatting on the worklist page failed if the matching criteria was set to an empty value because empty values were ignored and always returned a success status. This has been resolved.

6. **Edit study fails when PBAcquistionDateTime is empty**

    Very old objects could not be edited because they were missing a private DICOM attribute the system inserts in the object. Handling objects without this data is now supported and edits complete successfully.

7. **Support opening Completed orders in the viewer**

    When opening a completed order from an objectless worklist server, the viewer's patient folder fails to load because completed orders don't have owner devices, like imaged studies, and when the patient folder collection process looked for the owner device, none existed.