



Customer Release Notes

eRAD PACS
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New Features and Enhancements

1. Web viewer enhancements: Thumbnail panel

The web viewer supports a thumbnail panel. The feature is disabled by default. When enabled, the series view is suppressed, the image area becomes empty image frames and the study's series are displayed in a single row horizontally across the top of the frame area or vertically along the left side of the frame area. The thumbnail panel includes a study header containing study identification data followed by each series. If multiple studies exist in the web viewer session, they follow in succession in the thumbnail panel. Users can drag the series from the thumbnail panel into available image frames.

2. Monitoring should send number data only, draw graph on the browser

The monitor page has been updated to receive the data from the server and draw the graph/chart in the browser. When a graph/chart is being generated, a progress bar appears at the top of the data area.

3. Web viewer should only render when the view changes

The web viewer refreshes images at a fixed rate but in certain environments, specifically CITRIX, when the processing was performed by a CPU, as opposed to GPU, this could burden the CPU with unnecessary activity. This has been modified to refresh images only when an animation or mouse event occurs.

4. Selectable name filter format

The ability to configure the person name filter format has been restored. The feature is configurable in the field label configuration page. The default person name filter is defined by the Use person name filter setting on the Admin/Server settings/Data formats page. It defaults to Simple, meaning a two-value (first + last) name. When configured to None, names are free text fields. The value Full uses the five-field DICOM-compliant name format. Name format settings can be assigned to individual name fields from the Customize Label configuration page.

Resolved Issues

1. Large values shown on graph in Monitor page when no monitor value started for the day

When a graph was requested from the server before the server collected any data points, an invalid (large) initial value could be displayed by default.

2. QQ always uses report multiplier

The query qualifier was tripping for result counts far lower than the configured thresholds because the join table failed to include distinct criteria. This has been resolved.

3. Access List preventing prior reports being shown in GUI

If the patient folder listed a prior study but that study was not available to the user because of an access list restriction, the system reported an error when attempting to display the report (in the patient folder) instead of displaying the report. The system is supposed to override the access restrictions on prior studies if the user has the right to view the current study. This has been resolved.