Customer Release Notes

eRAD PACS
Version 8.0
Server Build 26

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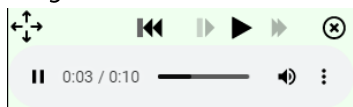# Table of Contents

New Features and Enhancements

1. **HTML playback for dictation**
   DEPENDENCY NOTICE: Requires platform-7.6.3.
   Recorded dictations can be played back from the report page within the patient folder. Click the Listen Dictation button to pop up an audio player window with controls to start, stop and rewind playback, set the volume, and adjust the playback speed. Shortcut keys Ctrl+Shift+F8 through F12 are mapped to these commands. The mappings are configurable from the command line. These controls can be assigned to devices such as a foot pedal.

2. **Recognize multiple (called) AE Titles**
   The server allows for assigning alternative AE Titles. These can be added in the Alternative AEs section of the DICOM Settings section of the Settings page and restarted DICOM services. The server will accept DICOM associations addressed to any of them the same as it would for requests addressed to the main Storage AE.

3. **Provide feedback of startup conversions on the web interface**
   Some startup tasks can take a while to complete, causing tomcat to appear unresponsive as it initializes. To indicate tomcat is working and not hung, users receive a warning and progress indication when attempting to display the login page.

4. **Configurable media download server URL value**
   A media creation server (MCS) can configure the URL returned to the client application indicating the location of the media file, as well as the related redirection settings. The configuration tools are available in the Redirection Settings section on the media Creator device's configuration page.

Resolved Issues

1. **Partial results not displayed on the last page**

   When a log or archive page query results are truncated because the number of total matches exceeds the applied limits, a partial results warning is displayed but only when there are more results to display. The warning was missing on the last page of the results. This has been resolved.

2. **Study lock lost message in viewer is not working**

   The viewer failed to display the notice informing a user that they lost the study lock because of a formatting error in the message the server sent to the viewer. This has been resolved.

3. **Quick search result worklist uses different config**

   If the user issues a quick search after editing the layout of the worklist, the results might appear using the original layout and not the modified layout settings. This has been resolved.

4. **Compound list can be saved containing a deleted list**

   If in the process of configuring a compound worklist one of the source lists got deleted, the system failed to notice and saved the compound list, resulting in an exception when applying it. This has been resolved.

5. **Rights not applied when managing group lists**

   The rename and delete options on the Other Lists page are disabled for group lists unless the user has the required admin rights.

6. **Error message in browser debug log about a new message**

   Non-urgent broadcast messages did not record the last update time and therefore would not appear in the message panel or dashlet. Additionally, when the only messages in the queue were non-urgent broadcast messages, the missing timestamp caused inconsistent list details, resulting in a logged exception. This has been resolved.

7. **Procedure data not updated in orders after changing Scheduled Procedure Step ID**

   After creating and then editing an order via web services commands, some fields would not appear updated on the worklist because group order handling treated them as new orders (in the group) rather than modifications of the existing order. Edits that apply to an existing procedure step, based on the procedure step ID, are now treated as edits and not new orders in a group order.

8. **Remote MCS media download fails**

    The media creation server (MCS) always used the primary IP address of the server when constructing the download URL. If the certificate does not include this IP address, an error occurs when attempting to download the media file. A configurable server address and redirection rules have been added to accommodate environments running under these conditions.

9. **Corrupted web viewer document list**

    Maintaining a list of studies open in web viewers was not thread safe. Simultaneous requests to load studies in a web viewer corrupted the list, causing an exception to subsequent web viewer open requests and a 104 error page displayed in the browser window. This has been resolved.

10. **GUI login with non-existing userid should give generic error message**

    The error message displayed when attempting to log in with a non-existent user ID provided too much details about the login failure. The updated message is more generic and secure.

11. **Make worklist layout more robust**

    When upgrading from v7 to v8, worklist layouts that contain no customizations were inserted into the database as NULL entries, resulting in an exception when applied. Empty layouts are converted during upgrade and existing layouts are detected and handled correctly.

12. **Incorrect 'Partial results' messages on Logs page**

    All logs pages consisting of more than one page of records indicated the results were "partial", even when this wasn't the case. This message should only appear on the logs page when collecting logs from other servers in a dotcom.

13. **Keep alive option in webservice calls**

    Web services calls were not updating the session, allowing the session to expire sooner than the inactivity timer specifies.