



# Customer Release Notes

eRAD PACS  
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Viewer Build 56  
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## New Features and Enhancements

### 1. Automatic relevant log uploading to server

All crash and snapshot log files from the viewer and service applications are automatically uploaded to the server when a crash is detected. Log files are no longer deleted after uploading. They are deleted only when they exceed the configured length of time or number of files.

### 2. Updated iCAD logo

The iCAD product logo displayed in the CAD header has been updated to reflect the latest graphic.



### 3. Smart fit zoom better handling spot compression views

If the mammography series contains spot compression images, smart fit is disabled because the images contain additional features, eg. paddles, that produce unintended results.

## Resolved Issues

### 1. Left/Right Auto Orientation on CD viewer defaults to None

Old-format user profiles used as the default profile on DICOM media omitted the auto-orientation default settings for CT studies. This has been resolved.

### 2. Crashes due to Patient Folder message processing

Some messages issued between the patient folder and main viewer threads were not handled well. Under certain conditions, it is believed these messages could cause the viewer to crash. This has been resolved.

### 3. Viewer crash because update priority of decompress task wasn't locked

When streaming compressed data to the viewer, updating the priority of a decompression task failed to lock the task, allowing the task to release some data before the priority was set, causing the viewer to crash. This has been resolved.

**4. Viewer crash at closing XML drop**

When terminating a viewer session, a viewer configured to notify a third party application by writing an XML file to the disk could crash if the report was released before the file was written. This has been resolved.

**5. Viewer crashed at decompress task**

When a partially downloaded study is stopped and then restarted using a different streaming method, the viewer could mismanage the decompression pump, causing the viewer to crash. This has been resolved.

**6. Viewer crash when the user quickly clicks to open a study multiple times**

If the user clicks to launch a viewer session faster than the request can be communicated from server to viewer, the viewer can replicate a control file's name causing one file used by two sessions, resulting in a viewer crash. This has been resolved.

**7. Viewer hang when the user tries to bookmark the opening study**

If the user bookmarks a study before the session initializes by switching tabs in the RIS worklist, the viewer would hang. This has been resolved.

**8. Viewer crash when the stream scheduler tries to start a task**

When terminating streaming tasks, the viewer failed to check for batched task operations. Those tasks could attempt to run after the command to stop has been issued, causing the viewer to crash. This has been resolved.

**9. Connection lost when the viewer tries to resize a used image**

When the viewer found the cache file size didn't match the real file size, it attempted to resize the cache file but failed to lock the resource, resulting in a deadlock. This has been resolved.