



Customer Release Notes

eRAD PACS
Version 8.0
Viewer Build 57
Release Date March 31, 2021

Table of Contents

Resolved Issues.....	3
1. Study lock lost message in viewer is not working	3
2. Cross-referenced macros cause closing issues	3
3. Improve SmartFit algorithm.....	3
4. CAD SR parsing error handling	3
5. Thumbnail panel image selection area indicator is wrong in some cases	3
6. Stream request uses wrong format type for size	3
7. Numerical input control looks active while it is disabled	3
8. SpeechMike releasing can cause crashes	3
9. Viewer crashes after BackDIB refresh call	4

Resolved Issues

1. 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.

2. Cross-referenced macros cause closing issues

Viewer macros consisting of other user macros could cause the viewer to hang when closing due to the order in which these macro resources are released. This has been resolved.

3. Improve SmartFit algorithm

The error check used in the iterative process detecting anatomy from background was updated to increase the success rate of skin line detection. Also, an experimental algorithm detecting a point on the skin line is available. It is disabled by default. Enable it from the *Enhanced Smart Fit Detection* setting.

4. CAD SR parsing error handling

Parsing a CAD SR object's sequences could miss sequence items when they are unexpected, causing the viewer to ignore the data. This has been resolved.

5. Thumbnail panel image selection area indicator is wrong in some cases

The visible part of images whose height far exceeds their width were misrepresented in the thumbnail panel due to a calculation error involving the padding area applied in the image frame. This has been resolved.

6. Stream request uses wrong format type for size

Converting stream block sizes from alphanumeric strings to integer values used the incorrect integer type size, although block sizes don't exceed the type's limit. This has been resolved.

7. Numerical input control looks active while it is disabled

When settings on the Options panel are locked, some numerical fields appeared enabled for editing when the mouse hovered over them, resulting in confusion. This has been resolved.

8. SpeechMike releasing can cause crashes

When terminating a viewer session, the Speechmike control window could be closed by the viewer or Windows. If closed by Windows first, the viewer would attempt to close it again, causing the viewer to crash. This has been resolved.

9. Viewer crashes after BackDIB refresh call

When the task that manages rendering data to the screen was issued a refresh request, but the image frame being rendered is destroyed before the refresh starts, the viewer could crash. This has been resolved.