



Customer Release Notes

eRAD PACS
Version 8.0
Viewer Build 64
Release Date July 28, 2021

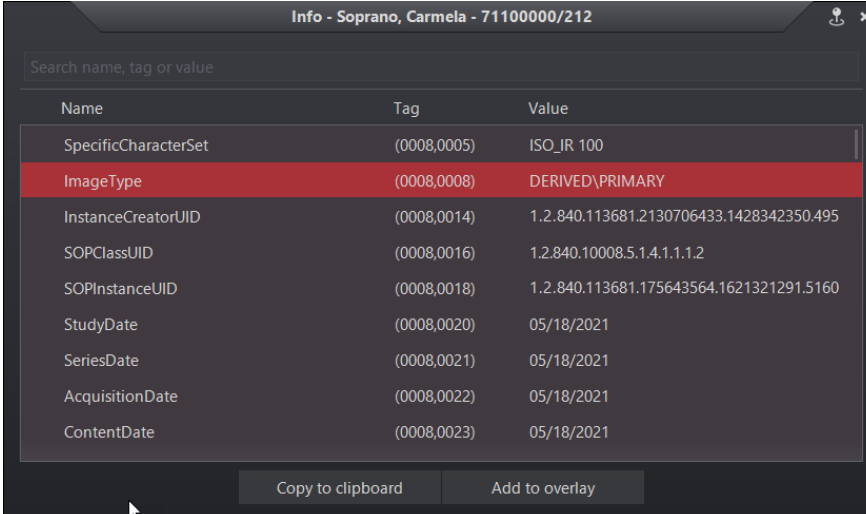
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New Features and Enhancements

1. Update the DICOM info panel

The DICOM information panel has been updated to conform to the Evo viewer's look and feel. The panel contains search functionality, copy to clipboard, and an add overlay option.



Name	Tag	Value
SpecificCharacterSet	(0008,0005)	ISO_IR 100
ImageType	(0008,0008)	DERIVED\PRIMARY
InstanceCreatorUID	(0008,0014)	1.2.840.113681.2130706433.1428342350.495
SOPClassUID	(0008,0016)	1.2.840.10008.5.1.4.1.1.1.2
SOPInstanceUID	(0008,0018)	1.2.840.113681.175643564.1621321291.5160
StudyDate	(0008,0020)	05/18/2021
SeriesDate	(0008,0021)	05/18/2021
AcquisitionDate	(0008,0022)	05/18/2021
ContentDate	(0008,0023)	05/18/2021

2. Support ScreenPoint Transpara CAD

The viewer supports ScreenPoint's Transpara CAD objects.

The CAD header with the Transpara logo contains the number of calcification and mass findings, the algorithm version and the Transpara score (integer value between 0 and 10).

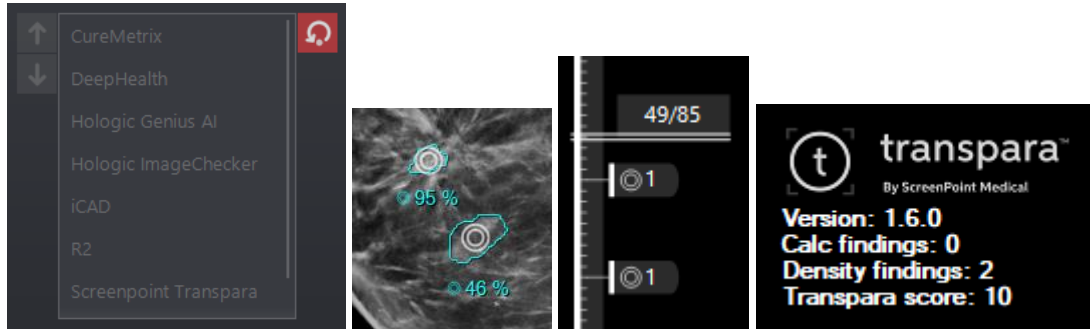
Calcifications are marked by a diamond outline and the contour of individual calcifications.

Masses are marked by their contour (plus the default marker if enabled).

There's an additional type of finding for Screenpoint called "decision support", which describes a more general region of interest. So far, Transpara is the only CAD that uses this type but this might change in the future. In order to have a more general tool, the viewer refers to this type of finding as "region of interest".

A new option has been added to both the global and local CAD menu to show/hide regions of interest. The default is off.

In case of Transpara, regions of interest appear as color-coded circles that usually - but not always - have a score associated with them.



Resolved Issues

1. Session ID cookie should be set

A change in viewer-8.0.30 created a second session ID cookie but failed to recognize more than one. When using HTTPS, if the user logged out of the server without closing the viewer session, the viewer reported a session error when opening the next study. This has been resolved.

2. MagicX not working correctly with Blackford linking

Calculating the correlating position used the wrong frame of reference direction and in cases where the matrix was different, the correlating positions were incorrect. This has been resolved.

3. Stream crashes when using multi server connections

When hybrid streaming from multiple servers, the stream scheduler mismanaged the task list and used the wrong connection to complete a specific task, causing the viewer to crash. This has been released.