

**CTB-00676****Date:** *February 27, 2020***Author:** Service Engineering**Product:** Selenia Dimensions,                      **Subsystem:** I-View 2.0  
3Dimensions**Subject:** I-View 2.0 Customer Release Notes**Purpose**

To provide information regarding I-View 2.0, the Contrast Enhanced Digital Mammography (CEDM) feature offered for use with Selenia Dimensions and 3Dimensions systems running at Version 1.10/2.1 software and higher.

**Discussion**

I-View 2.0 is the Contrast Enhanced Digital Mammography (CEDM) Option available with the Selenia Dimensions and 3Dimensions systems. It is an imaging option, referred to as dual energy imaging.

The CEDM acquisition consists of two 2D images, taken in sequence and in the same breast compression.

The first image is like a standard 2D image, as is acquired during conventional Full Field Digital Mammography (FFDM). The kVp range used is typically 25 to 33 kVp and the rhodium and silver filters are the conventional ones used in this kVp range. This is referred to as the 'low energy' image.

Following the low energy acquisition, a second image is acquired. This will be referred to as the 'high energy' image, and it uses a copper filter and a kVp range of 45 to 49 kVp.

The two images are acquired in rapid succession to minimize the potential of patient motion that can create structural noise and can degrade image contrast. A weighted subtraction method is then used to subtract the contents of the low energy image from the high energy image. The low energy image together with the subtracted image is used clinically to evaluate the patient.

# Customer Technical Bulletin (cont.)

The update to I-View 2.0 from earlier versions of I-View includes a lower calibrated dose target for the high energy exposure. The High Energy (HE) default dose target was lowered from 0.6mGy to 0.3mGy.

## Quality Control Requirements for the Radiologic Technologist and Medical Physicist

Refer to the *Selenia Dimensions/3Dimensions system Quality Control Manual, part number MAN-03706*, for guidance on the QC requirements for I-View.

## Applications Support

You can contact Hologic with any questions about this software version.

- In the United States: call the Hologic Applications Hotline at 877-371-4372.
- In Europe and the Middle East: email to [BE-Applications@hologic.com](mailto:BE-Applications@hologic.com)
- In Asia-Pacific: email to [AP-AppsSupport@hologic.com](mailto:AP-AppsSupport@hologic.com)
- In Australia/New Zealand: email to [AU-ApplicationsSupport@hologic.com](mailto:AU-ApplicationsSupport@hologic.com)