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Customer Technical Bulletin

CTB-00874

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Product: 3Dimensions / Selenia Dimensions **Subsystem:** AWS

Subject: Resolution for Intermittent Issues Interacting with the Image Acquisition Monitor on Selenia Dimensions/3Dimensions Systems

Purpose

The purpose of this bulletin is to provide a workflow for the intermittent issues reported when interacting with the Selenia Dimensions/3Dimensions image acquisition monitor.

Scope

This document applies to Selenia Dimensions and 3Dimensions systems operating at Version 1.10, 1.11, 2.1, and 2.2.

Problem Description

An intermittent issue was reported where the Selenia Dimensions/3Dimensions Capture Application will not accept mouse or trackball clicks performed on the image acquisition monitor.

The most common tasks that require interacting with the image acquisition monitor involve the end user placing the digital crosshair during a Wire Localization procedure, placing targets during a Biopsy procedure, and using the Image Review Tools.

The problem appears to “lock up” the application software, however the user can interact with any functions on the control monitor, such as closing the patient or selecting a different Image Review Tool.

Solution

A computer reboot will resolve this issue. This forces the software that handles the image display to relaunch so that it will accept mouse or trackball clicks.

Instructions to Prevent Impact on Workflow

Complete one of these methods immediately prior to beginning a Biopsy procedure, use the second method prior to beginning a Wire Localization procedure. If you are required to reboot the system prior to beginning the procedure these steps should be repeated to verify operation.

Method 1 - If a QAS is performed immediately prior to the Biopsy procedure

1. Verify the QAS is within specification per the Affirm Breast Biopsy Guidance System Users Guide.
2. **Do not press the End QC button after verifying the targeting accuracy**. Use the mouse or trackball to click anywhere on the image of the QAS phantom to place a second target to verify that the mouse/trackball clicks are being accepted. (Reference Figure 1)
3. If the Capture Application allows the target to be placed, proceed with the normal workflow. If it does not allow the target to be placed, reboot the system and pull up the same QAS image to place an additional target again to verify proper operation.

Note
A second target is required because the system does not use a mouse click to place the first target when it automatically targets the crosshair during the QAS procedure.

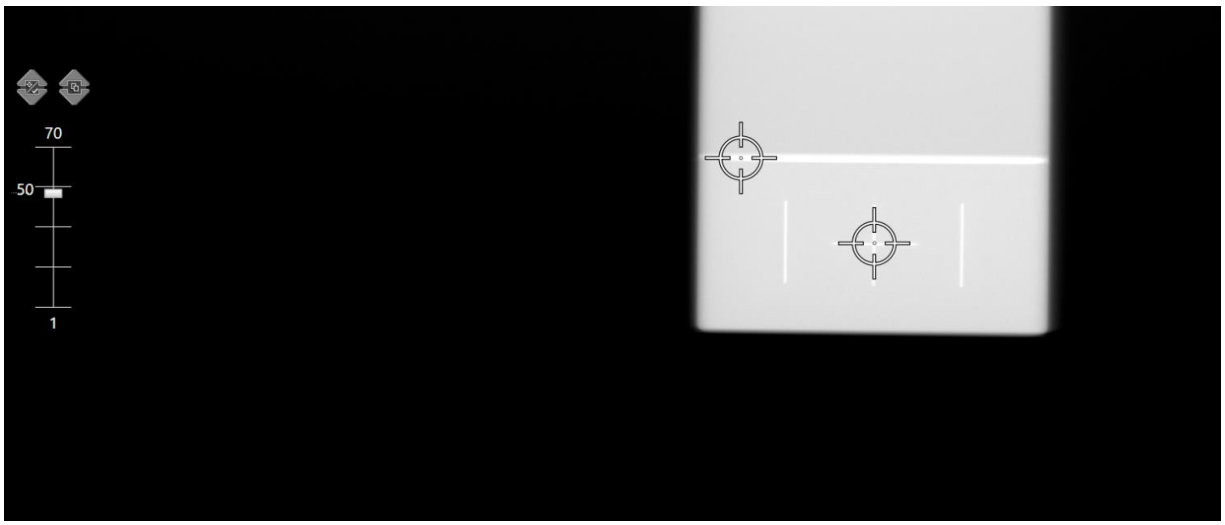

Figure 1 - Manually Creating a Second Target to Verify Operation

Method 2 – When performing a Wire Localization procedure or if the QAS was not performed immediately prior to the Biopsy procedure

1. On the Capture Application, bring up a prior image from the patient, or any QC image if priors are not available.
2. On the Tools tab select the crosshair tool. Use the mouse or trackball to place a crosshair anywhere on the acquisition monitor to verify that the mouse/trackball clicks are being accepted. (Reference Figures 2 and 3)
3. If the Capture Application allows the crosshair to be placed on the image, proceed with the normal workflow. If it does not allow the crosshair to be placed, reboot the system and pull up a prior image from the patient, or any QC image. Place a crosshair to verify system operation.

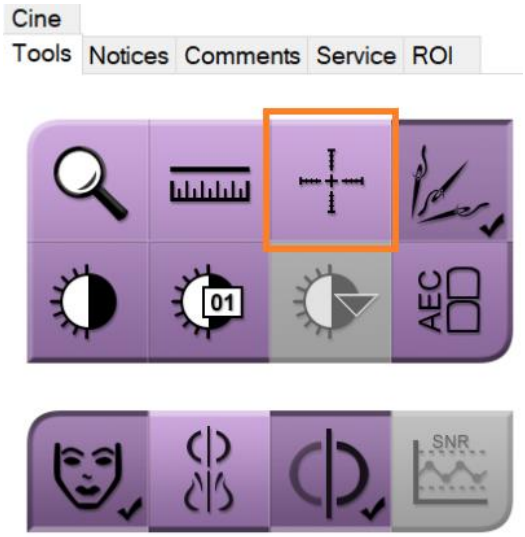

Figure 2 - Crosshair Tool

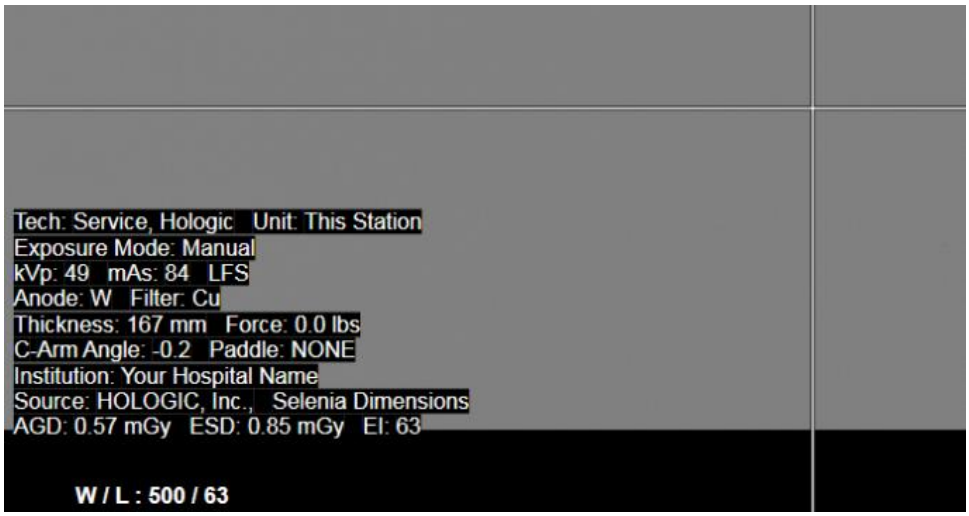

Figure 3 – Placing a crosshair on the Image Display Monitor