

SecurView[®] DX Workstation

Comprehensive Breast Imaging Review

Workflow Solutions for the Breast Imaging Suite

Hologic's dedication to women's health and mammography extends to its image viewing and analysis products. The SecurView[®] DX diagnostic workstation and options offer flexible, interactive and comprehensive diagnostic tools designed to help radiologists see more clearly and work more efficiently.

3D[™] Breast Tomosynthesis Workflow Tools

- User preferences for scrolling mode, cine speed, default slab thickness and default initial slice
- Display initial hanging snapshot for a four-view tomosynthesis study in less than two seconds
- Registration of, and instant toggle between, 2D and 3D[™] images
- Automatic scrolling through a limited range of slices
- Annotate or tag reconstructed slices and store to PACS as a GSPS annotation or DICOM Secondary Capture image
- Tag reconstructed slices to save as TIFF images for presentation and printing
- Generate tomosynthesis "movies" as AVI files for presentation

Efficient Review

- Personalize ReportFlows for any clinical situation
- Single-click navigation through each programmed step
- Automatic selection of desired ReportFlow based on exam type
- Intelligent roaming through quadrants at full resolution

Ergonomic, Intuitive Keypad (optional on some systems)

- Single-touch support for navigation through tomosynthesis images, including scrolling, cine and toggle between 2D and 3D[™] views
- Single-click access to commonly used functions
- Minimal keystrokes for all breast imaging modalities

Image Distribution

- Automatic retrieval of prior studies from PACS upon receipt of new images (auto-fetching)
- Manually or automatically merge patient cases if patient presents with a different ID and date of birth combination (does not affect permanent archival on PACS)
- Receive and analyze images from remote sites and mobile units through an existing PACS or Hologic SecurXchange[®] products

Full Compliance With IHE Mammography Image Profile

- Display of standardized mammography images for all FFDM vendors
- Correct comparisons of current and prior images
- Clarifies display of CAD marks and information (2D only)
- Consistent patient, study and image information labeling

Application Synchronization (optional)

- Synchronization of user and patient context with over 45 commonly used third-party dictation, reporting and RIS systems

Cluster Configuration (optional)

- Provides shared database and instant access to images from any workstation
- Creates, reviews and archives annotations from any workstation

Instant Bi-directional Communication With Technologists

- (when paired with the SecurView RT technologist or the Selenia[®] Dimensions[®] acquisition workflow manager (AWM))
- Digital communication channel between the radiologist and technologist independent of PACS
 - Exchange markings, annotations, comments, queries and instruction. Option to save to PACS
 - Alerts for incoming markings to identify patients needing additional views

Advanced Image Analytics (optional)

- ImageChecker[®] CAD display of Malc[™] marks, and RightOn[™] and PeerView[™] presentation formats
- Additional CAD-specific data with EmphaSize[™] and LesionMetrics[™] tools
- Quantra[™] 2D and 3D[™] breast density assessment display

Multimodality Image Display (optional)

- Addition of one or two color displays for review of other breast imaging modalities
- Software support for multimodality ReportFlows
- View reports stored as Secondary Capture images Mammography Prior Enhancement[™] Software (optional)
- MPE software facilitates comparison of prior unprocessed GE FFDM images with current Hologic 2D images



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SecurView Manager Specifications

Computer	Workstation Class Hardware
	Windows [®] -based System
CPU	Six Core, Xeon [®] Processor 2.0 GHz Minimum
Memory	16GB High Speed RAM Minimum
Storage Space	3.3 TB Minimum
Network Interface	10/100/1000 Base T Ethernet

Display Hardware

Barco [®] Displays	Single 12 Megapixel LCD color display with built in auto-calibration & 10 bit graphics card
	High contrast dual 5 Megapixel LCD display with built-in auto-calibration & 10 bit graphics card
	Dual 5 Megapixel LED display with 10 bit graphics card. External sensor for calibration
	Scaled Clone application projects video output from dual 5MP or 12MP displays to a high resolution projector for presentations.
	Barco MediCal QAWeb, QA and calibration software
Display Cards	High-end Medical Grade

Attached Devices

User Interface	Multi-function Mouse, Back-lit Keyboard
Power	UPS

Software

Operating System	Microsoft [®] Windows [®] 64 bit
Reviewing Software	Dedicated Mammography Based Image Review Software Customized for Radiologist Use

DICOM Services

Query/Retrieve, Print, Storage, Media Export/Import

IHE Compliance

Mammography Image Profile as Image Display

Manuals

User Guide, QC Manual

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System Options

Advanced Multimodality Solution

Software Module, and 1 or 2 DICOM calibrated color displays

MultView[™] Multimodality

Software, and optional color display

Application Synchronization

Software, and optional color display

Mammography Prior Enhancement[™] (MPE) software

Enhances unprocessed GE priors to facilitate comparison with current Hologic 2D images.

Dedicated Mammography Workflow Keypad

(included with some models)

Barcode Scanner

SecurView DX Manager

One SecurView DX Manager can support multiple SecurView DX clients, depending on volume and workflow.

SecurView DX Software-Only Option

The workstation, manager, and multimodality software is available for sites providing their own hardware and IT support. Please consult your Hologic representative for system hardware, software and installation specifications. This software-only option is for a customer configured dedicated SecurView workstation. Installation of the SecurView software on a PACS workstation is not supported.