

# SecurView® DX

## Comprehensive Breast Imaging Review

SecurView® DX  
Diagnostic Workstation

### 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 workstation and options offer flexible, interactive and comprehensive diagnostic tools that radiologists need to 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
- Generate tomosynthesis "movies" as AVI files for presentation
- 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

#### 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
- Automatic step-through full image resolution of breast quadrants

#### 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 or the Selenia® Dimensions® 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, for 2D images)

- ImageChecker® CAD display of Malc™ marks, and RightOn™ and PeerView™ presentation formats
- Additional CAD-specific data with EmphaSize™ and LesionMetrics™
- Quantra™ volumetric density biomarkers display
- DigitalNow™ HD LookUp Tables to assist with digitized screen-film comparison

#### 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



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## Workflow Solutions

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Diagnostic Workstation

### SecurView DX Workstation Specifications

Computer	Workstation Class Hardware, Windows®-based System
CPU	High-end Dual Quad Processor
Memory	6GB High Speed RAM Minimum
Storage Space	1.7 TB Minimum
Network Interface	10/100/1000 Base T Ethernet
<b>Display Hardware</b>	
Monitor Options	High contrast 5 Megapixel LCD display with built-in auto-calibration & 10 bit graphics card  Standard dual 5 Megapixel LCD display with 8 bit graphics card. External sensor for calibration.
Display Cards	High-end Medical Grade
<b>Attached Devices</b>	
User Interface	Mouse, Keyboard
Power	UPS
<b>Software</b>	
Operating System	Windows 7, 64 bit
Reviewing Software	Dedicated Mammography Based Image Review Software Customized for Radiologist Use
CAD Display	Integrated (Licensing may be required)
<b>DICOM Services</b>	
Query/Retrieve, Print, Storage, Media Export/Import	
<b>IHE Compliance</b>	
Mammography Image Profile as Image Display	
<b>Manuals</b>	
User Guide, QC Manual	

### System Options

#### Advanced Multimodality Package

Software Module, and 1 or 2 DICOM calibrated 21" displays with high-end graphics card

#### Application Synchronization

Software, and optional color display

#### Dedicated Mammography Workflow Keypad

#### Barcode Scanner

#### Note

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

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### SecurView DX Manager Specifications

Computer	Server Class Hardware, Windows Server-based System
CPU	High-end Dual Quad Processor
Memory	6GB High Speed RAM Minimum
Storage Space	3.6 TB Minimum
Network Interface	10/100/1000 Base T Ethernet
<b>Display Hardware</b>	
Monitor	21-inch LCD Color Display
<b>Attached Devices</b>	
User Interface	Mouse, Keyboard
Power	UPS
<b>Software</b>	
Operating System	Windows Server 2008
Controlling Software	Dedicated Mammography-based, Image Management Software
<b>DICOM Services</b>	
Query/Retrieve, Print, Storage, Media Export/Import	
<b>Manuals</b>	
User Guide, Installation Manual	
<b>Network Requirements</b>	
Manager-to-Client Network Connection	100 Base T Ethernet or Faster

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