

# SecurView<sup>®</sup> 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<sup>®</sup> DX diagnostic workstation and options offer flexible, interactive and comprehensive diagnostic tools designed to help radiologistssee more clearly and work more efficiently.

## 3D<sup>™</sup> 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<sup>™</sup> 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<sup>®</sup> 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

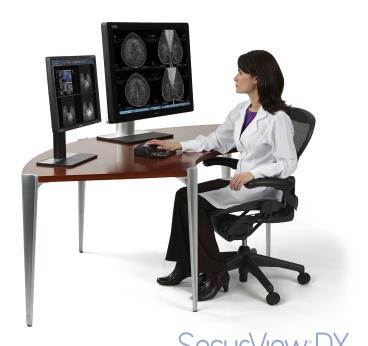
- Selenia® Dimensions® aquisition workflow manager (AWM))
- Digital communication channel between the radiologist and technologist independent of PACS
- Exchange markings, annotations, comments, queries and instruction. Option to save to PACS
- · Alerts for incoming markings to identify patients needing additional views

## Advanced Image Analytics (optional)

- ImageChecker<sup>®</sup> CAD display of Malc<sup>™</sup> marks, and RightOn<sup>™</sup> and PeerView<sup>™</sup> presentation formats
- Additional CAD-specific data with EmphaSize™ and LesionMetrics™ tools
- Quantra<sup>™</sup> 2D and 3D<sup>™</sup> 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<sup>™</sup> Software (optional)
- MPE software facilitates comparison of prior unprocessed GE FFDM images with current Hologic 2D images



Diagnostic Workstation



# SecurView<sup>®</sup> DX Workstation Comprehensive Breast Imaging Review

Workstation Class Hardware

10/100/1000 Base T Ethernet

16GB High Speed RAM Minimum

Windows®-based System

3.3 TB Minimum

# SecurView Manager Specifications

#### Computer

CPU Memory Storage Space Network Interface

#### **Display Hardware**

Barco® Displays

Single 12 Megapixel LCD color display with built in auto-calibration & 10 bit graphics card

Six Core, Xeon® Processor 2.0 GHz Minimum

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

Multi-function Mouse, Back-lit Keyboard

High-end Medical Grade

UPS

#### Attached Devices

User Interface Power

Display Cards

#### Software

Operating System Reviewing Software Microsoft® Windows® 64 bit 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<sup>™</sup> Multimodality

Software, and optional color display

# Application Synchronization

Software, and optional color display

#### Mammography Prior Enhancement<sup>™</sup> (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.

