**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
SecurView® DX
Workflow Solutions

SecurView DX
Workstation Specifications

<table>
<thead>
<tr>
<th>Computer</th>
<th>Workstation Class Hardware, Windows®-based System</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>High-end Dual Quad Processor</td>
</tr>
<tr>
<td>Memory</td>
<td>6GB High Speed RAM Minimum</td>
</tr>
<tr>
<td>Storage Space</td>
<td>1.7 TB Minimum</td>
</tr>
<tr>
<td>Network Interface</td>
<td>10/100/1000 Base T Ethernet</td>
</tr>
<tr>
<td>Display Hardware</td>
<td>High contrast 5 Megapixel LCD display with built-in auto-calibration &amp; 10 bit graphics card</td>
</tr>
<tr>
<td>Display Cards</td>
<td>High-end Medical Grade</td>
</tr>
<tr>
<td>Attached Devices</td>
<td>Standard dual 5 Megapixel LCD display with 8 bit graphics card. External sensor for calibration.</td>
</tr>
<tr>
<td>User Interface</td>
<td>Mouse, Keyboard</td>
</tr>
<tr>
<td>Power</td>
<td>UPS</td>
</tr>
<tr>
<td>Software</td>
<td>Windows 7, 64 bit</td>
</tr>
<tr>
<td>Operating System</td>
<td>Dedicated Mammography Based Image Review Software Customized for Radiologist Use</td>
</tr>
<tr>
<td>Reviewing Software</td>
<td>Dedicated Mammography Based Image Management Software</td>
</tr>
<tr>
<td>CAD Display</td>
<td>Integrated (Licensing may be required)</td>
</tr>
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</table>

SecurView DX Manager Specifications

<table>
<thead>
<tr>
<th>Computer</th>
<th>Server Class Hardware, Windows Server-based System</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>High-end Dual Quad Processor</td>
</tr>
<tr>
<td>Memory</td>
<td>6GB High Speed RAM Minimum</td>
</tr>
<tr>
<td>Storage Space</td>
<td>3.6 TB Minimum</td>
</tr>
<tr>
<td>Network Interface</td>
<td>10/100/1000 Base T Ethernet</td>
</tr>
<tr>
<td>Display Hardware</td>
<td>21-inch LCD Color Display</td>
</tr>
<tr>
<td>Attached Devices</td>
<td>Mouse, Keyboard</td>
</tr>
<tr>
<td>User Interface</td>
<td>Mouse, Keyboard</td>
</tr>
<tr>
<td>Power</td>
<td>UPS</td>
</tr>
<tr>
<td>Software</td>
<td>Windows Server 2008</td>
</tr>
<tr>
<td>Operating System</td>
<td>Dedicated Mammography-based, Image Management Software</td>
</tr>
<tr>
<td>Reviewing Software</td>
<td>Dedicated Mammography Based Image Review Software Customized for Radiologist Use</td>
</tr>
<tr>
<td>CAD Display</td>
<td>Dedicated Mammography Based Image Review Software Customized for Radiologist Use</td>
</tr>
</tbody>
</table>

Network Requirements

Manager-to-Client Network 100 Base T Ethernet or Faster
Connection

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

Manuals

IHE Compliance
Mammography Image Profile as Image Display

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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