



Enhancing Your Workflow with SecurView® DX Workstation

A diagnostic radiologist discusses the benefits of a scalable workstation that is both efficient and user-friendly

Diagnostic radiologist, Samir Patel, MD, CCD, DABR, FACR, previously transitioned to a PACS vendor for reviewing breast images and was disappointed by the inflexible user experience. Dr. Patel and his colleagues returned to using the Hologic® SecurView® DX workstation to take advantage of its industry leading, customizable tools.



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Advanced Workflow Tools

As Dr. Patel transitioned from a PACS vendor back to Hologic's SecurView DX workstation, he immediately noticed reading efficiency improvements thanks to the workstation's innovative workflow tools and image management features, particularly its Right Size feature.

Right Size is one of several image scaling modes available on the SecurView DX workstation that allows radiologists to change the resolution of displayed images. Right Size displays images on each monitor at the same resolution based on the breast outline of the largest image with valid breast outline available for the patient.

"The previous PACS software required manual manipulation of the images, and it was troublesome to develop hanging protocols. There were also challenges when viewing MLO views and in making similar magnification for images from the same facility," Dr. Patel said. "SecurView DX workstation's Right Size feature is one of the best features as it auto sizes from any facility and reduces mental and physical fatigue. We didn't realize how beneficial it was until faced with challenges on our previous PACS vendor workstation."

Automatically resizing breast images can reduce the number of steps a radiologist must take when reading and can be especially helpful as digital tomosynthesis generates a large volume of images for review. By removing the need to rescale manually and potentially reducing the quantity of clicks required, a radiologist can focus on review and interpretation with reduced fatigue.

Radiologists also benefit from the ability to annotate and tag reconstructed slices and store to PACS. Reconstructed slices can also be saved as TIFF images for presentation and printing or generate a tomosynthesis "movie" as AVI files, ensuring radiologists can share their findings.

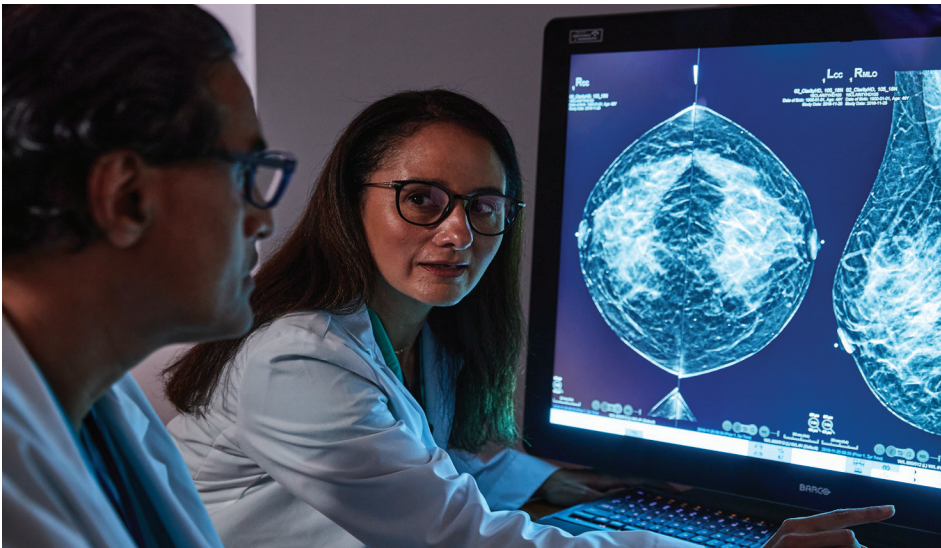
Efficient Review Process

The SecurView DX workstation boasts a variety of capabilities to help improve a radiologist's workflow.

"Our old software was slow to load and open tomosynthesis images," said Dr. Patel. SecurView workstations load images quickly and display initial hanging snapshot for a four-view tomosynthesis study in less than two seconds, enabling a more efficient workflow. When paired with the SecurXchange® system, the technology can also pre-fetch images to accelerate loading speeds. Furthermore, radiologists, like Dr. Patel, can instantly toggle between 2D and 3D™ images in addition to automatically scrolling through a limited range of slices.

Health care professionals can also share findings with each other directly through SecurView's options. This enables an efficient review process by establishing a digital communication channel between the radiologist and technologist when paired with the SecurView RT technologist workstation or the Selenia® Dimensions® or 3Dimensions™ acquisition workstation. Viewers can leave and exchange marking, comments, and queries for a streamlined reporting of results and save annotations to PACS.

In Dr. Patel's opinion, part of the appeal of the SecurView DX workstation is it remains relevant and efficient as technology advances. "When newer technology from Hologic comes out, it is available to the radiologist much faster than if one is relying on a third-party vendor," said Dr. Patel. "Use of these new products can theoretically and practically be a lot faster if the vendor for the acquisition station and the workstation are the same, because it ensures compatibility and allows for prompt access."



can be especially helpful when reviewing supplemental imaging.

Radiologists also have access to these innovative modes in remote reading. The Cluster Configuration tool provides a shared database, giving them instant access to images from any workstation. And with the recently launched Advanced Image Distribution enabled, sites can easily expand their cluster when growing their practice or implementing at home workstation solutions without worrying about the cluster size.

“The SecurView technology can get the images from the archive and enable us to leverage tools that make our job easier.”

Intuitive Features

SecurView DX workstation's intuitive and ergonomic features further amplify the reading experience for radiologists. The top of the keypad features a scroll wheel, which boasts single-touch support for navigation through tomosynthesis images, allowing the reader to scroll or cine.

Radiologists also benefit from single-click access to functions they commonly use, eliminating the need to hunt for the review tools they find most helpful. Furthermore, the SecurView keypad is designed for minimal keystrokes for all breast imaging modalities.

“The SecurView workstation user-interface and keypad were intuitive for my colleagues and myself. The icons are user friendly during image review, and the keypad's roller bar is very useful when I'm scrolling through tomosynthesis images,” said Dr. Patel.

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Personalized Experience

As imaging storage and viewer technology are decoupled, radiologists have the freedom to use multiple vendors and find a viewer that works for them. Dr. Patel found that the SecurView DX workstation offers a customized experience that fit his needs. “The SecurView technology can get the images from the archive and enable us to leverage tools that make our job easier,” he shared.

Users can set their individual preferences for scrolling mode, cine speed, default slab thickness, and a default initial slice. Customizing reading and functional settings ensures radiologists have a workstation that fits their needs and helps them manage their workload. ReportFlows can also be personalized for any clinical situation, allowing radiologists to set-up workflow to fit their preferences.

Scalable Solutions

Practices can also choose additional tools to add to their workstation and further improve the reading experiences. The SecurView DX workstation offers a multimodality image display and software support for multimodality ReportFlows to read breast ultrasound and MRI images. Radiologists can utilize the addition of one- or two-color displays and view a variety of modalities – a tool that

“Remote readings have really taken off over the last few years and were especially exacerbated with the COVID-19 pandemic. The ability to decouple the viewer from image storage optimizes the study reading,” said Dr. Patel.

The SecurView workstation offers scalable solutions and advanced workflow tools, providing an efficient workflow for radiologists. Radiologists can feel confident knowing their workstation is customized to meet their needs and support their practices, and ultimately help patients by providing prompt results.

“Every practice needs to make a determination about what they need to render a timely, accurate interpretation – that is the ultimate goal,” said Dr. Patel. “With the SecurView workstation and through Hologic support, I can discuss my needs and get the tools that I need. That's a win for me, because it benefits both our clients and, most importantly, the patients we are privileged to care for.”

SecurView[®]
Breast Imaging Workstation