

Change Healthcare Mammography Plus™

Improve performance and efficiency in multimodality breast-imaging reads

Diagnosing breast disease in today's multimodality environment is increasingly complex, even as the volume of exams rises. Change Healthcare Mammography Plus™ gives radiologists the tools they need to improve workflow efficiency and make accurate diagnoses more quickly.

Our solution was designed in collaboration with clinicians who understand the demands of reading mammography. With Change Healthcare Mammography Plus, your physicians won't be tied to a dedicated mammography workstation. Instead, they'll have unrestricted access to multimodality imaging with advanced workflow capabilities for both 2D full field digital mammography (FFDM) and digital breast tomosynthesis (DBT) from any workstation.

Our solution combines the power of a universal, multimodality PACS workstation with flexible display protocols, access to the patient's complete history, and sophisticated reading tools to enhance your performance.

A simplifed user experience helps clinicians focus on image interpretation

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Our all-in-one platform lets you leverage your existing investment in Change Healthcare Radiology Solutions™ PACS to address the full spectrum of medical imaging requirements. Capabilities include:



DICOM CAD-SR on 2D

Display objects received from R2 and iCAD, leaders in DICOM CAD-SR solutions. Depending on user preferences, a CAD mark is presented with a visual aid of an outline, centroid, or ellipse. Hover over a mark to view additional finding information on a tool-tip window. CAD marks can be designated as false positives.

AI-powered breast screening

Leverage AI to detect potential anomalies in DBT studies that contain large volumes of images. Efficient workflows and nonintrusive visual aids– including marks, text overlays, and navigation.buttons – help radiologists locate findings and rapidly navigate between CAD SR results within the stack, reducing reading time. Certainty percentages for each detected anomaly and an overall malignancy-level case score assist with clinical decision-making.

Large image volume data processing

Large DBT datasets can be efficiently loaded, navigated, and manipulated, much like the large dataset slices associated with CT exams. Images from all FDA-approved DBT modalities are accepted.

Synthesized 2D Image Viewing (S-MG)

Synthesized 2D mammography images created from the DBT data can be viewed and manipulated with standard FFDM tools and functions, including display protocols, dual magnifying glasses, historical matching, and sector zoom.

Advanced dynamic cine tools

Incorporate automatic dynamic cine display for DBT at any stage during a display protocol. This creates flexibility by permitting ad hoc switching between cine mode and individual slice display.

Synchronized dual magnifying glasses

Characterize the appearance and location of any potential finding across all image types with the simultaneous use of dual magnifying glasses on any combinations of FFDM, DBT, and S-MG images. Powerful magnification illuminates areas of interest, including abnormalities, mass margins, and subtle architectural distortions.

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Advanced slabbing tool

DBT slices can be combined into a single slab of user-designated thickness for further visualization and assessment. Slabbed presentation of DBT image can be added to display protocols with specified slab parameters automatically applied.

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Make rapid comparisons

Our Historical Similar Images (HSI) matching feature sequentially displays current and prior images for rapid comparison. The system automatically performs HSI matching for anchor images displayed on the monitor.

Users can specify a group of similarly oriented projections (e.g., LM, LMO, ML, MLO, MLORI, MLORS) to include in HSI matching for prior mammograms. Display protocols allow MG HSI to be automatically displayed for anchor studies of other breast-imaging modalities, such as ultrasound or magnetic resonance, if the patient has these images in their history.

Section-zoom functionality lets radiologists zoom to any of the four image quadrants for a high-resolution review, enabling systematic cycling through quadrants and breast sections. Radiologists can review mammography images in 100% (pixel-to-pixel) zoom mode.

Streamline reporting

BI-RADS® assessment information for each prior mammography study is available in the patient portfolio and can be color-coded via sitewide configuration. Radiologists can immediately assess the patient's breast history without having to open or read individual reports. Customizable displays of breast-density information from qualified CAD SR objects helps radiologists evaluate density and include this data in reports.

Customize flexible display protocols

Our powerful display protocols can incorporate any type of breast imaging to enable uniform sizing comparisons between historical images and current FFDM, S-MG, and DBT. Sitewide display protocols are provided for multiple variations of screening and diagnostic unilateral and bilateral mammography workflows. User-specific display protocols can be easily fine-tuned to accommodate reading habits and preferences.

Help reduce costs, save time, and eliminate the need for a dedicated mammography workstation

Read across modalities

Change Healthcare Mammography Plus offers a powerful platform that frees radiologists from the limitations of a dedicated mammography workstation. Integrated functionality helps ensure that critical comparisons can be made across multiple modalities in a comprehensive and efficient manner.

The solution fully supports the IHE Mammography Image Integration Profile (MAMMO) for specific image and object-display quality, behavior, and layout, enabling a more efficient comparison of prior images with current images, regardless of an acquisition device producing the images.

Visit our website **for more information about Change Healthcare Mammography Plus**

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