

# Accelerate Clinical Workflow and Collaboration

## Boost Productivity With Change Healthcare Radiology Solutions 14.1

### AI Anatomy-Based Study Labeling

To accurately interpret a patient's current CT or MR images, radiologists need fast access to view any relevant prior exams. While pertinent studies may exist within a healthcare system's PACS, they are not always easily identifiable. Studies are often inconsistently labeled, and institutions frequently use pre-defined and/or limited data, such as procedure descriptions or DICOM header data, which may not reflect the actual body region.

Our cloud-based Change Healthcare Anatomical AI service uses machine learning algorithms to provide highly accurate anatomical descriptors based on the pixel data of the anatomy present in an image. This industry-leading technology is integrated with Change Healthcare Radiology Solutions™ to help clinicians rapidly identify relevant radiology images, series, and studies for adult patients.

Radiologists can immediately see all relevant prior imaging across various time points—along with a comprehensive list of supported body regions—when they first open a study for review. Change Healthcare Anatomical AI's native-built platform works in conjunction with the standard of care workflow to help radiologists increase their interpretive confidence, improve throughput, and reduce the risk of redundant exams—improving patient care and satisfaction.

### Robust Performance

Change Healthcare Radiology Solutions provides a complete portfolio of diagnostic imaging and radiology department management solutions. Our suite's stability, scalability, and performance can support organizations ranging in size from single facilities to national health delivery networks.

The suite's latest release, version 14.1, provides additional scalability to support imaging centers with a large annual volume, without significant performance

degradation. Regular Microsoft Windows updates and support for Microsoft Windows 2016 and Oracle Database 19c provide built-in antivirus protection and enhanced security to reduce the risk of unauthorized access.

Expanded AI capabilities within the clinical workspace help improve clinical decision-making, and enhanced collaboration tools allow for greater efficiencies across facilities and service lines.

### Efficient Collaboration

Radiology departments are under pressure to maintain performance despite rising volume. Given the increase in remote reading, efficient collaboration is critical for the delivery of prompt diagnoses and treatments.

Change Healthcare Radiology Solutions 14.1 improves productivity for radiologists and physicians collaborating on studies. Users can share screens and confer on multiple patient studies one by one within the same session.

### AI-Enhanced Mammography Workflow

Streamline your mammography workflow with new efficiency tools and AI integration for Change Healthcare Mammography Plus™ users. The platform leverages AI to detect potential anomalies in digital breast tomosynthesis (DBT) studies with large volumes of images.

Non-intrusive visual aids help radiologists locate the findings, and radiologists can rapidly navigate between CAD structured report results—including marking, text overlays, and case score data—within the tomosynthesis stack.

Information such as certainty scores for each anomaly, plus a malignancy-level case score, assist clinical decision-making. These enhancements help radiologists reduce reading time and improve malignancy detection.



### Encounter-Based Imaging Support

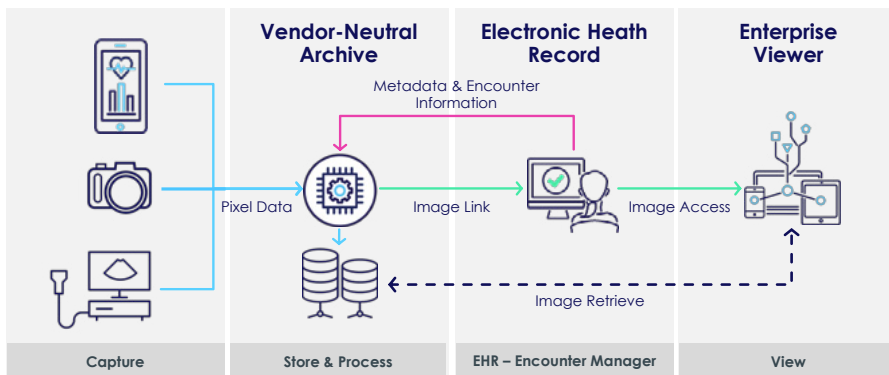
Change Healthcare Radiology Solutions 14.1 lets you store and manage images captured by all point-of-care ultrasound (POCUS) devices. Your organization can begin billing for areas of care that were previously unrecorded, improving revenue generation.

Implementing a system of record for POCUS data also enables encounter tracking, increasing regulatory compliance. Upon receiving imaging data from a POCUS device, the platform creates order information for the encounter and shares it with your Epic EHR. This communication links the POCUS imaging data to the patient record, closing the loop between the systems.

Images and encounters are integrated with the corresponding patient record, encounter, and procedure metadata, allowing remote access to the images from your Epic EHR. Creating a holistic imaging record reduces the need for additional image capture, improving the patient care experience.

### Change Healthcare Encounter-Based Workflow Overview

Our streamlined workflow improves functionality without introducing other stand-alone solutions.



### Maximize Your Epic EHR Investment

Our platform incorporates enhancements to help you maximize your Epic investment, such as the ability to embed endoscopy images and videos stored in Change Healthcare Radiology Solutions in reports created using the Epic Lumens endoscopy reporting module.

In addition, Change Healthcare Radiology 14.1 now streamlines the management of imaging data stored within Epic's document manager, such as medical photography or imaging obtained via the Epic Haiku® or Epic Canto® mobile applications.

Our Epic pass-through API lets users store and retrieve DICOM binary large object (BLOB) data. Epic forwards stored imaging data and metadata to Change Healthcare Radiology™ and Change Healthcare Image Repository™ for proper indexing. Users can quickly find and consume the images they need using XDS querying tools—without changing the image-acquisition workflow.

Finally, Change Healthcare Radiology 14.1 features new integration compatibility with Epic Hyperdrive.