

EHR Gateway

DICOM images missing from EHR

To provide quality patient care, clinicians need seamless access to DICOM images within their electronic health records (EHRs). To record a cohesive patient story they need the ability to reference or include a DICOM image in their notes within the EHR. Unfortunately, most EHRs don't support DICOM images. Exacerbating the problem, EHRs traditionally charge customers for each interface to a DICOM device making DICOM integration to the EHR an expensive undertaking. As a result, clinicians often make decisions based on incomplete patient information in the EHR.

Complete patient information to enhance care

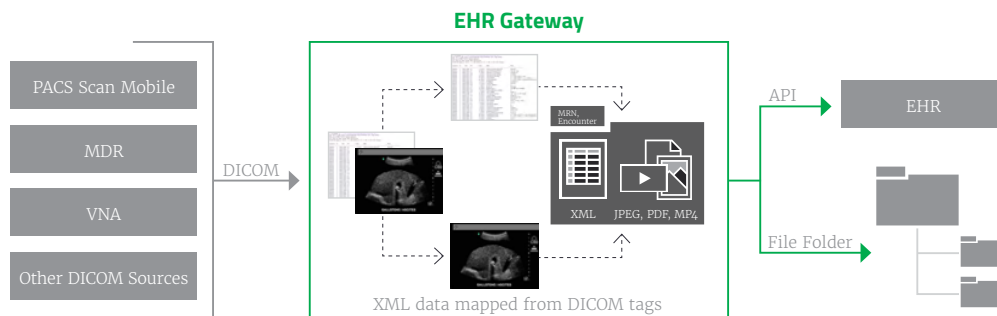
EHR Gateway, from Hyland Healthcare, provides a simple and cost effective solution that enables departments across the healthcare delivery organization (HDO) to integrate DICOM content with the EHR. This easy-to-implement solution captures images from multiple DICOM devices, converts them to a native format and makes them available for ingestion by the EHR.

Key benefits

- ▶ **Centralizes the acquisition and management of content** from DICOM devices not managed by PACS or VNA
- ▶ **Improves information visibility** by providing DICOM images within the EHR
- ▶ **Helps HDOs meet legal and compliance requirements** through improved process consistency
- ▶ **Lowers EHR interface costs** by aggregating content from multiple DICOM devices into a single interface to the EHR

How EHR Gateway works

- ▶ Accepts DICOM images and converts them to native format (JPEG, mp4, PDF)
- ▶ Strips the DICOM tags information from an image
- ▶ Creates a folder containing an XML descriptor file and the native object file
- ▶ Populates the XML descriptor with DICOM tag information, based on configuration
- ▶ Names the XML and Object files based on the DICOM tag (IE, MRN, Name)
- ▶ Makes information available to the EHR via shared folder



Innovative technology, industry-leading experience

EHR Gateway is part of the PACSgear Connectivity family of solutions from Hyland Healthcare. We have been adding new functionality and automation to the management of medical images for more than 30 years. In the forefront of standards-based storage since 2008, the technology has been helping incorporate images from across the enterprise into VNA and PACS solutions.

As part of a comprehensive Hyland Healthcare clinical archiving system, PACSgear Connectivity unlocks proprietary departmental data and creates a foundation to capture, manage and view images in a HIPAA-compliant and clinically sensitive environment. More than half of all U.S. hospitals benefit from Hyland Healthcare's deep experience in these and other image management technologies.