PACS Scan Enterprise Multi-Specialty Image Capture

PACS Scan Enterprise addresses the need for a single, comprehensive software solution capable of ingesting the broad spectrum of image and data capture workflows now common in healthcare organizations. Many organizations continue to struggle with disparate, departmental workflows that have inadvertently created numerous silos of image data to manage.

Utilizing PACS Scan Web, Web Forms and PACS Scan Mobile for enterprise-wide image acquisition eliminates the silos. This saves time, creates cost savings and, most importantly, provides optimal patient care.

Web Forms

Web Forms from Hyland Healthcare is a true, browser-based electronic forms solution. It enables Healthcare Organizations (HCOs) to eliminate paper by creating and managing unique, electronic forms that mimic existing paper forms. The forms are accessible from anywhere, on any computer or iOS, Android or Windows tablet via a URL hosted within the enterprise and sent securely to the VNA or PACS.

Elimate Paper

Access forms on any computer or mobile device with a browser

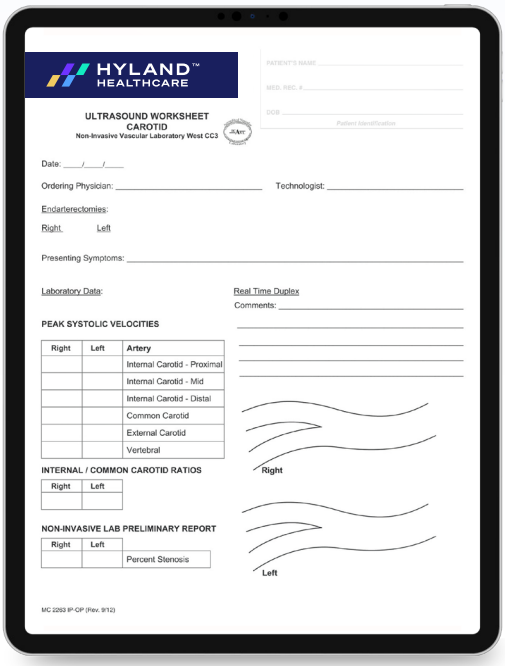
Map SR data and technologist observations to dictation reports via ModLink integrations to dictation systems

When integrated with ModLink, Web Forms adds tremendous value by delivering DICOM SR values in a standard format to the clinical report, reducing human error and redundant manual entry. Documentation of observations and measurements as procedures are performed (fetal evaluations and various measurements, for example). This adds clinical value to the interpreting clinician by providing complete content to make the most informed interpretations without re-entering data values from a worksheet.

Web Forms with ModLink integration streamlines the capture of data used in many reports.

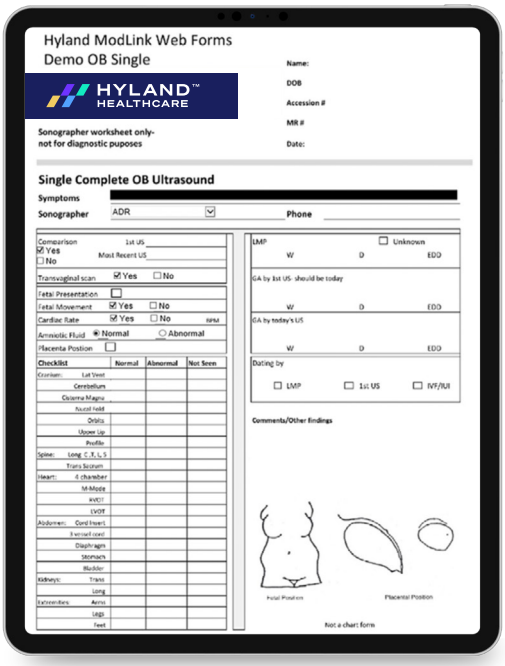
Web Forms highlight

- Eliminates paper
- Converts any paper form into a Web Forms electronic format
- Integrates seamlessly with ModLink to provide capture of DICOM SR and associated data
- Launches the Web Form in context
- The Web Form may be sent electronically as a DICOM image to the VNA or PACS system for reference
- Utilizes pull-down menus, check boxes, free-text fields and anatomical images
- Creates mandatory key fields
- Creates two-page forms
- Operates on any browser — iOS (iPad), Android, Windows, etc.



Web Forms is a simple 1-2-3 process:

1. Create a JPG, PNG or GIF image of your paper form and upload to Web Forms
2. Open the image in Web Forms to use as a background
3. Data fields can be added on the form where appropriate, which can be set to auto-populate with HL7 or SR measurement values when using ModLink



PACS Scan Web

Import documents and images from almost anywhere and connect them to the VNA, PACS, XDS or content management repositories.

- Easily import images and videos from many departments to any VNA, PACS, XDS repository
- Import/upload patient content using any browser
- Simplifies administration and deployment throughout the enterprise

PACS Scan Web from Hyland Healthcare accomplishes document and multimedia import via a browser. User and administrative interfaces provide advanced capture functionality to all parts of the organization. With PACS Scan Web, users can import PDFs, a variety of document image (TIFFs, JPEGs, etc.) and video files (MPEG4, MPEG2 and AVI) from any workstation with a browser.

In addition to the above listed file formats, PACS Scan Web can also import documents from a TWAIN scanner and import DICOM imaging/objects from a CD, flash drive or file folder. All captured images and documents can be sent directly to any VNA, PACS, XDS or content respository. PACS Scan Web improves workflow and provides access to important clinical images and videos, such as dermatology photos, ophthalmology scans, patient-submitted photos or clinical notes.

PACS Scan Web features

- Simple user interface allows users to import images and videos directly to an archive through pre-defined capture routes
- This functionality is available on any browser
- Study lookup ensures an accurate match with the correct patient via DMWL, RIS worklist, PDQ Source or DICOM archive to provide automatic loading of patient demographics
- Edit and normalize patient demographics — edit fields such as Patient ID/MRN and accession number prior to importing outside studies
- Direct import of multimedia formats including JPEG, BMP, PNG, AVI/MPEG and all DICOM compliant CD/DVD formats

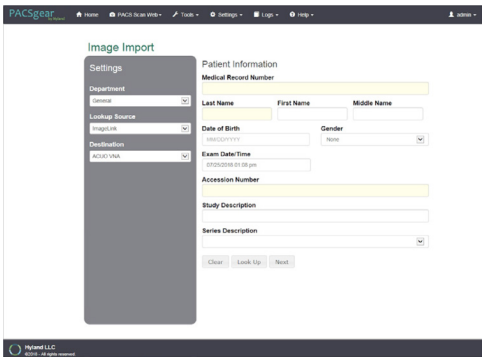
PACS Scan Web is designed to import the following data types:

- DICOM
- Native/non-DICOM image types (JPEG, PNG)
- Video (MPEG4, MPEG2 and AVI)
- PDFs
- Documents captured on TWAIN scanners

Importing images, videos and documents with PACS Scan Web

1. Users look up patient and select patient/study demographics from the EMR or DICOM archive
2. Select files (DICOM, PDF, MP4, etc.) from the system (2a) or scan related documents (2b)
3. Send the files, images and documents

1



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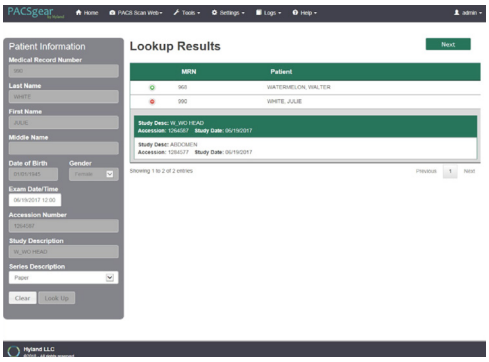

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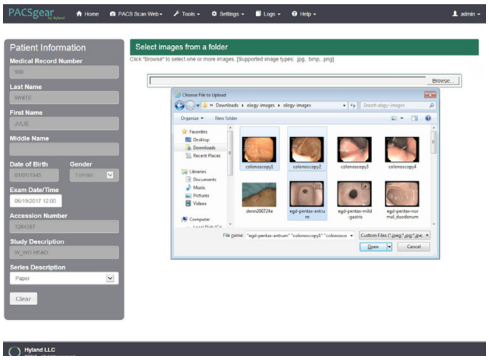

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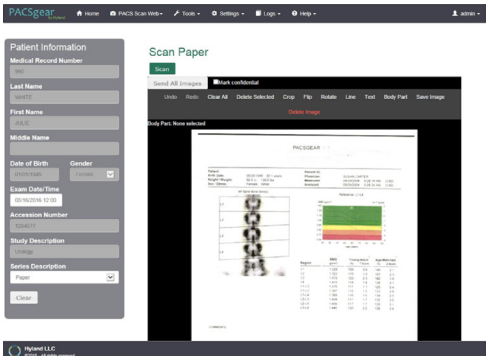

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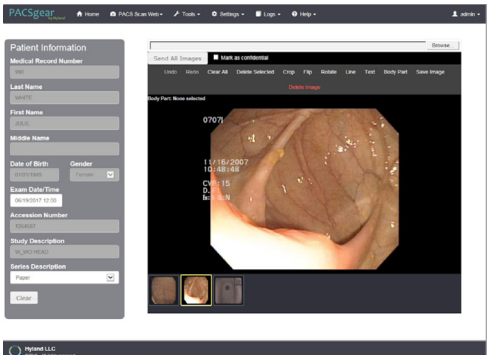
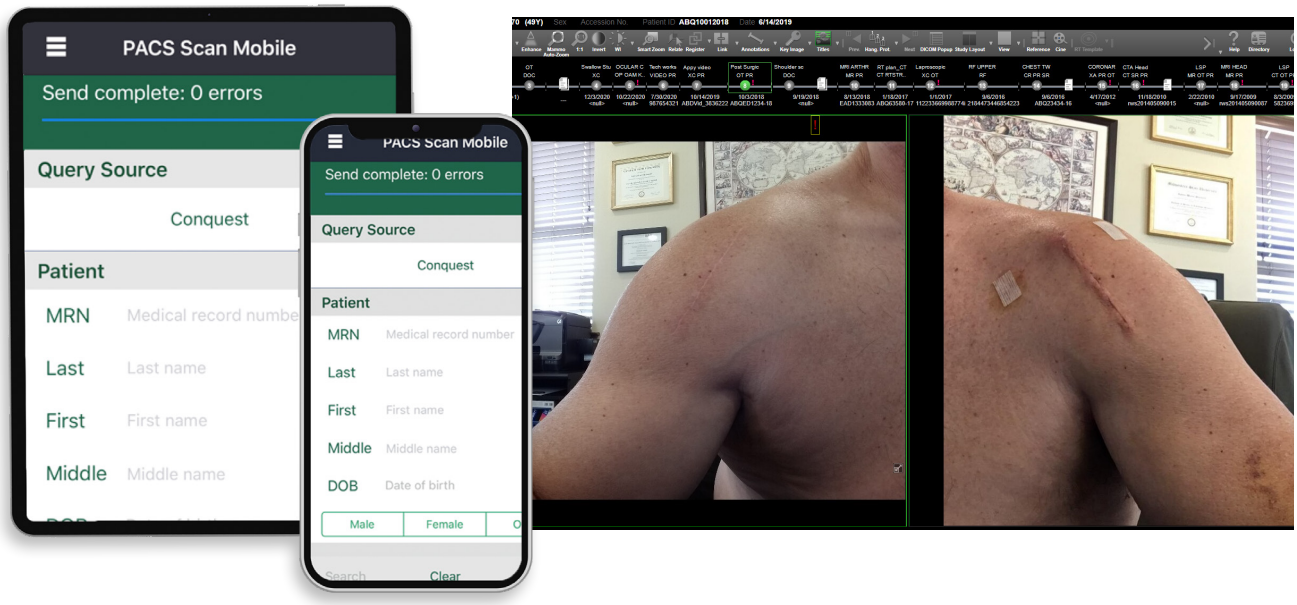


PACS Scan Mobile



Manage medical images on the move

Smartphones, tablets and other mobile devices are critical tools in the modern-day medical bag. Clinicians use these devices not only to gain anytime, anywhere access to email, electronic health records (EHRs) and other systems, but these tools also provide a convenient way for providers to capture wound photos and video at the point of care to support patient diagnosis and treatment. This information is valuable, but the access and storage of it needs to be managed. All too often, medical facilities struggle to effectively send patient images, photos, video and other data objects acquired through mobile technology to the vendor neutral archive (VNA) or other systems for long-term storage.

The result is vital information is not communicated across the continuum of care, causing significant gaps in patient records. Often, it remains on a tablet, cell phone or portable storage device for days — siloed, inaccessible and unsecure. As the volume and diversity of mobile medical data and the devices involved in capture proliferate, the problem is growing exponentially. Healthcare facilities need a powerful answer today.

Streamline clinical workflows with secure mobile capture

PACS Scan Mobile from Hyland Healthcare provides a simple, proven solution for effectively moving and managing healthcare data in an automated, consistent manner from a mobile device. This easy-to-use app downloads in minutes to any iOS or Android device. With PACS Scan Mobile, providers can automatically transmit information captured on a mobile device to the PACSgear Enterprise Server. From there, patient images/videos are securely sent to a VNA or other storage system.

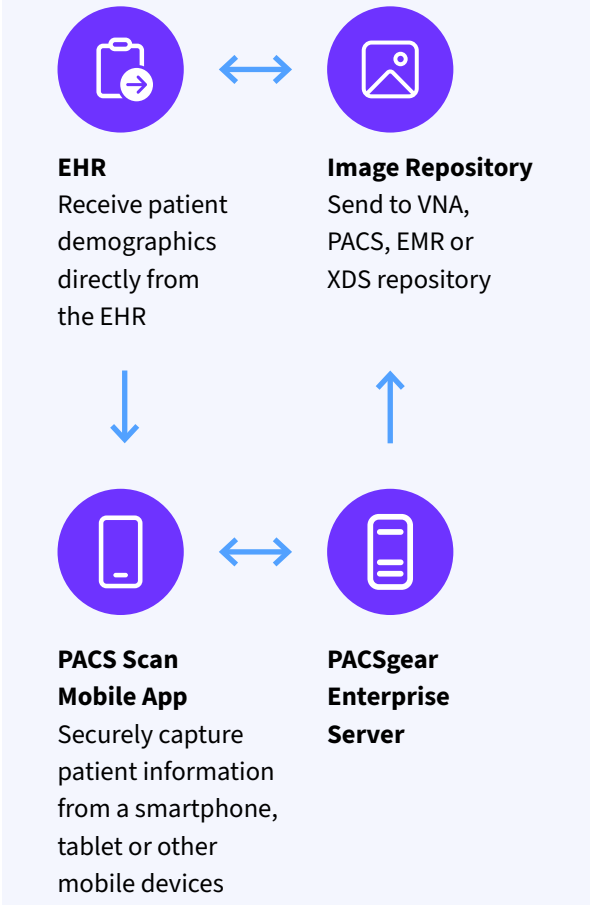
PACS Scan Moble can be added to any IT infrastructure quickly and seamlessly.

Reliable and efficient, PACS Scan Mobile ensures data is organized and consistently managed, and that patient records are complete. PACS Scan Mobile doesn't use the device's photo library. Instead, it encrypts captured information and stores it in the app sandbox, where it can't be accessed by other processes or applications.

This advanced technology supports automatic data association with patient identifiers through DICOM encapsulated or native cross-enterprise document sharing (XDS). Information can be edited, annotated and adapted on a mobile device to support individual departmental needs.

Key benefits

- **Capture and share data in record time:** Securely send images and videos to a PACS, VNA or EHR from any iOS or Android device.
- **Enhance department efficiency:** Eliminate time-consuming manual processes with a consistent mobile data capture process.
- **Strengthen security:** Capture and route images and video without saving data to a device.
- **Add information:** Edit and annotate captured images from the point of capture.
- **Customize data:** Adapt study descriptions based on the multi-specialty department's needs or preferences.
- **Configurable file size capture:** Set default video capture file size based on department preferences and device type.
- **Identify body parts and update DICOM metadata:** Succinctly identify a body part in a photo or video to increase the accuracy of the captured data and reduce downstream workflow.



Advanced features:

- Query multiple sources for patient demographics
- Capture still images and short video clips
- Rotate, crop and annotate captured images
- Forward images and video to multiple destinations
- Can transmit as XDS or DICOM encapsulated images and video to share with other systems
- Configure parameters to launch PACS Scan Mobile to support multiple workflows
- Define specific configurations for individual departments or users
- Establish study and series descriptions for each multi-specialty department
- Control all settings from a central server

Learn more about Hyland's enterprise imaging solutions.

About Hyland

Hyland uniquely empowers organizations with unified access to AI-enabled enterprise content and unstructured data across repositories, unlocking profound insights that fuel innovations – fundamentally redefining how they operate and engage with those they serve. The pioneer of the Content Innovation Cloud™ — a unified content, process and application intelligence platform — Hyland is trusted by thousands of organizations worldwide, including more than half of the Fortune 100.

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