Enterprise Imaging

Regional

Enterprise

Departmental

Care-centric Workflow

VNA

Exchange

Universal View

Any physician, across the department, hospital or regional network, can create, collaborate, exchange, view and manage a comprehensive medical imaging record throughout the care continuum

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H e a l t h C a r e

Have you ever considered the benefits of having all your images on a single platform?

- **Clinical and diagnostic. Radiology, cardiology, dermatology, ophthalmology, wound care, pathology...**
- **An end to duplicated caches, separate databases, different interfaces, and varying vendor visions and upgrade schedules...**
- **Just anywhere, anytime access by any stakeholder, through a universal delivery tool supporting integrated care.**

Seamlessly converging departmental and enterprise diagnostic and clinical imaging solutions into a single platform, the Enterprise Imaging portfolio improves collaboration across disciplines, reduces administrative costs and increases operational efficiency. All while improving the delivery of care and meeting the needs of today's healthcare model.

Enterprise Imaging includes tools and solutions that cover the complete medical imaging workflow. All clinicians have access to multidisciplinary image information through the EHR. And by unifying the patient record across departments, facilities and regions, it creates a true longitudinal patient-imaging record.

How can you align your clinical and diagnostic imaging?

6 integrated solutions for creating a true enterprise imaging workflow:

1. **Departmental imaging and management:** The Enterprise Imaging portfolio has solutions for all your departments that create and use imaging: from radiology, cardiology and dermatology, to ophthalmology, wound care, pathology, and more. The workflow-centric platform is designed to meet departmental, enterprise and regional healthcare requirements.

2. **Enterprise EHR imaging:** Enterprise Imaging provides department modality acquisition and PACS data to EHR integration workflows. You can seamlessly open clinical images from any department or location directly inside the EHR.

3. **Regional health:** Enterprise Imaging makes it easy to share, exchange and transfer cases with caregivers, wherever they are, including Health Information Exchanges (HIEs), patients and their families.

4. **VNA:** Enterprise Imaging is PACS-, storage- and platform-vendor neutral, and compliant with relevant IHE integration profiles. It supports enterprise archiving of your DICOM and non-DICOM data.

5. **Image exchange:** With Enterprise Imaging you can exchange clinical and diagnostic images through the hospital and regionally. MPI integration, HL7 interfaces, DICOM-conformation interfaces and support of existing web standards provide image access via the EHR for clinicians and patients.

6. **Universal View:** With Enterprise Imaging, any stakeholder can view their relevant images, with no client software. All you need is a commonly-used Internet browser and a modest network connection.

Enterprise Imaging also answers both your short-term and strategic needs, from image exchange and distribution, to IT consolidation and convergence. You can add value throughout the enterprise at your own pace, within your own budget, while enhancing the medical imaging departments' consultation role in integrated patient care.

Enhance departmental productivity and cost effectiveness

A single, completely unified imaging platform provides PACS, reporting, advanced image processing and integration of clinical information

- Produces more meaningful medical imaging reports, with sectional reporting that offers an efficient and effective compromise between unstructured and structured reporting.
- Lets caregivers keep up with the growing number and complexity of imaging studies.
- Reduces departmental training costs, with a streamlined, uncluttered interface and extremely intuitive features.
- Creates a more efficient workflow, using hanging protocol and other tools that highly automate the workflow. Unique desktops for individuals across the care continuum help to keep the productivity flowing.

Multi-disciplinary imaging workflow

Bring the benefits of the imaging workflow to the entire hospital

- Includes workflow functions such as web-based ordering and scheduling, exam identification, modality worklists, accession number generation, patient demographic validation, patient pick lists, billing automation and others.
- Supports the unique workflow of the three primary care settings: inpatient, ambulatory/outpatient and physicians' offices.
- Supports proprietary or manually managed departmental imaging systems; point-of-care DICOM modalities without a RIS/PACS; point-of-care image/video cameras; images imported from CDs and DVDs.

Consolidate imaging data

Close the gaps between modalities, departments, facilities and caregivers

- Consolidates all imaging data into a central clinical archive.
- Stores and facilitates access to any medical image file including non-DICOM formats such as jpeg, tiff, bmp, mpeg, avi, wmv, mp3, wma, pdf, and more.
- Truly PACS agnostic, allowing consolidation of imaging data from different departments and facilities.
- Can be incrementally scaled for every type of enterprise, from single facilities, to those producing tens of millions of records annually.
- Maximizes your hardware investments and minimizes your total cost of ownership, with industry-leading technologies on a single platform that optimizes licensing, software upgrades and more.
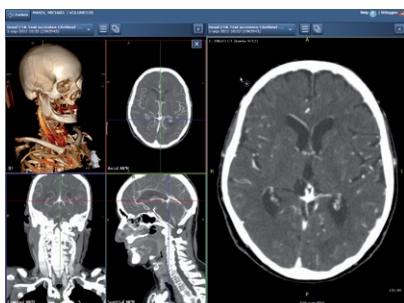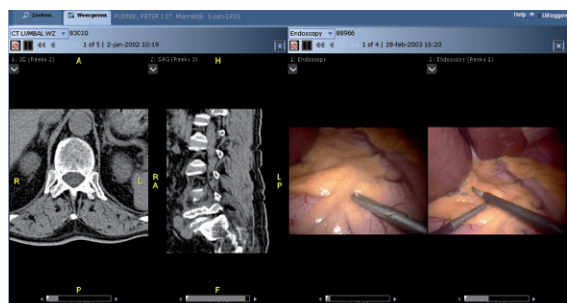
Image-enable the EHR

Images from the entire hospital enterprise boost the clinician's ability to improve the delivery of patient care

- Captures imaging data in a clinical setting and then links it to the EHR.
- Presents images in the context of the patient's health record.
- Unifies the patient record across departments and facilities, to create a true longitudinal patient imaging record.
- Enables interdisciplinary collaboration between health-care professionals.

Anywhere, anytime access to images

The Enterprise Imaging viewer provides secure access to all images in one view, where and when it's needed, to anyone involved:

- Provides fast, secure image retrieval, using only a standard internet browser and modest network connection.
- Allows viewing of images from multiple sources, within a single patient-centric view, without switching application or viewer.
- Requires no software download or installation.

THE HOSPITAL ENTERPRISE: Imaging as a universal care delivery tool

- Reduce costs and leverage existing investments.
- Improve operational efficiency and optimize care.
- Access to enterprise wide clinically relevant imaging record can help reduce the risk for repeat exams and enhances patient safety measures.
- Increase referring physician satisfaction by providing efficient image access.

IMAGING MANAGER: Paperless workflow and consistent imaging services toolset across the enterprise

- Future-proof the imaging platform.
- Provide data parity and quality across service lines, workflows, and modalities.
- Centralize administration and training.

CLINICIANS/REFERRING PHYSICIANS: An integrated approach to complex patient care

- Spend less time searching for imaging information, and more time on patient care.
- View multi-specialist results easily, from anywhere and any workstation – including mobile devices – inside or outside the hospital, without additional software or downloads.
- Make better-informed decisions, based on a more complete patient record.
- Collaborate more easily, supporting integrated patient care.

IT DEPARTMENT: Operational excellence with reduced complexity

- Decrease costs for managing storage, migrating data, integrating departmental systems, dealing with technology obsolescence and managing redundant data silos.
- Enhance uptime and scalability, with continuous upgrades.

PATIENTS: Faster, more efficient patient-centric care

- Shorter hospital stays, thanks to increased hospital and clinician efficiency.
- Reduce unnecessary repeats of imaging exams, for potentially better dose control.
- Caregivers have access to clinically relevant imaging data, with tools for care collaboration.
- Data privacy.

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