



Driving imaging interoperability and access AMICAS ECM™

Managing clinical imaging data is a real challenge – and it’s becoming even more complicated, given advancements in medical imaging, the consolidation of the electronic medical record, and growing patient populations and retention requirements. These factors contribute to storage and management demands for millions of objects, such as images, workflow documents, and patient records.

As your information needs grow, you’re faced with the challenge of consolidating, managing, and presenting all of this information across disparate and multi-vendor solutions that, likely, don’t interface well with one another.

Successfully deployed at many major hospitals and healthcare systems throughout the country, AMICAS ECM (Enterprise Content Manager) provides your facility with easy access to images, workflow documents, and other clinical information. Key features include:

- + Massive scalability through advanced load-balancing technologies and ease of expansion
- + An open-systems framework that can integrate with multiple departmental diagnostic applications
- + A robust architecture to facilitate reliable delivery in distributed imaging environments
- + Ability to synchronize patient identification across disparate systems to leverage both local and master patient indexes
- + Application-level data replication for business continuity and resource optimization
- + Auto-routing and pre-fetching capabilities for complex workflows
- + Secure storage for all of your imaging data
- + A highly compliant, standards-based (DICOM and HL7) architecture
- + Strict adherence to the IHE framework and protocols.

A TRUE VENDOR-NEUTRAL ARCHIVE

As imaging and patient data volumes continue to grow and interoperability between systems becomes increasingly important, using a standards-based solution that’s been proven and can interface with multiple vendor solutions is critical. Without a centralized solution, you’re left with various islands of information, which makes it impossible for your organization to accomplish enterprise-level objectives.

AMICAS ECM offers a vendor-neutral archive that bridges these gaps. This solution grows with your organization, while providing excellent interoperability with other systems via strict adherence to industry

“We’ve been using AMICAS ECM as the backbone for our imaging distribution network for over five years. Our network is made up of 13 hospitals and a variety of health centers, clinics, and physicians’ offices. AMICAS ECM is integrated with over five different PACS and our EMR. To date, we’ve safely stored over four million patient exams, which represent over 82 terabytes of data.”

David Weiss, chief information officer, BJC Healthcare (St. Louis, MO)



Multiple Modalities



Multiple Specialties



Multiple Interfaces



Multiple Sites

AMICAS ECM is an enterprise clinical image management and information storage platform that can be used as a vendor-neutral archive and as a vehicle to image-enable your EMR.

standards. AMICAS ECM helps satisfy short term interoperability requirements and then, ultimately, provides you with longer term sustainability of clinical content. Key benefits include:

- + Supporting the patient DICOM record across multiple clinical imaging departments, multiple hospitals, and large IDNs
- + Proven compatibility as a vendor-neutral solution with many disparate radiology and cardiology PACS vendors
- + Dynamic tag morphing capabilities to ensure that your imaging data is stored in a standard, "clean" format
- + A single solution that consolidates an otherwise disparate infrastructure to drive operational efficiencies in clinical departments and in IT - which results in a low total cost of ownership
- + Avoiding costly data migrations as physician preferences for departmental solutions change.

With the largest install base of vendor-neutral archive technology in the industry, AMICAS ECM solves the problem of integrating disparate PACS. This enables organizations to be free to choose department-specific solutions - without worrying about the underlying infrastructure.

IMAGE-ENABLING YOUR EMR

Imaging is a critical component of the electronic medical record - but the management of imaging information isn't addressed by most EMR vendors. With AMICAS ECM, you'll have a comprehensive, scalable image and information management foundation that complements your overall EMR strategy. Complete with an embedded Web-based image viewing solution for cardiology and radiology, AMICAS ECM can enrich your physicians' EMR experience by providing them with easy access to their patients' images and other clinical data. Key benefits include:

- + Lowering your total cost of ownership with a single image management infrastructure that complements your EMR strategy and minimizes interface requirements
- + Improved clinician efficiency with a single, consolidated visualization platform - regardless of the clinical department
- + Reducing deployment complexities with an intuitive, lightweight viewer.

GROW YOUR ENTERPRISE STORAGE SOLUTION TODAY

Instead of forcing you to continue to invest resources in costly storage on multiple departmental systems, AMICAS ECM provides a secure investment in a consolidated image management platform for all "ologies," departments, and locations. Whether you use AMICAS ECM as a complete archive and imaging solution for your EMR or you begin with a vendor-neutral archive focus, you know that all of your information is stored securely in an easily accessible, non-proprietary format. AMICAS ECM is the permanent home for your patients' images and information.

AMICAS ECM

DRIVING IMAGING INTEROPERABILITY
AND ACCESS

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