THE EMC DOCUMENTUM CLINICAL ARCHIVING SOLUTION FOR EPIC EMR

Giving your Epic EMR users access to a lifetime of patient information

MANAGING YOUR TSUNAMI OF PATIENT INFORMATION

The healthcare industry is struggling to adopt a patient-centric approach to care while facing increasing challenges for better outcomes, lower costs, and regulatory compliance. To meet these challenges, healthcare organizations like yours have made a commitment to improving patient care and quality by investing in the Epic EMR. However, even with a system as robust as Epic, clinicians still require access to data from other clinical systems to see a complete view of the patient record—information that may not be easily within reach.

At the same time, healthcare IT managers are experiencing a rapid growth in the volume of all forms of information. Your current clinical applications and older legacy systems are bursting at the seams with all types of information like patient data, clinical and administrative documents, voice recordings, and medical images. This “tsunami of data” raises several serious challenges:

- **Cost Management**: Information in clinical systems remains vital even after it is no longer actively changing—and the amount of data continues to grow, leading to performance degradation and availability issues. Maintaining this information in production systems is a costly, not just in terms of software licenses, servers and storage, but also the operational cost of and you ability to perform frequent backups.

- **Compliance**: Patient records must be retained long-term, sometimes for the life of the patient. Regulations require maintaining data in an immutable, tamper-proof environment to prevent data from being altered or deleted. These records must be secure and private, and auditors need the ability to trace user access to this information.

- **Legacy Systems**: As organizations transition to Epic, older clinical systems become obsolete. These legacy systems are often maintained in read-only mode to give clinicians access to their data. This stymies your ability to decommission these legacy systems and thereby save costs.

ESSENTIALS

- Archives all forms of applications and information, both structured and unstructured
- Reduces total cost of ownership (TCO) by retiring legacy clinical applications
- Ensures regulatory compliance—secure, immutable, auditable
- Allows Epic users to search, view, and retrieved archived patient records
- Vendor-neutral, non-proprietary format—XML-based unified archive
- Scales to the level of the largest enterprise
ENHANCE THE VALUE OF YOUR EPIC INVESTMENT

The EMC Documentum Clinical Archiving Solution—part of the EMC Documentum Integrated Patient Record (IPR) solution suite—is built specifically for your Epic environment and addresses these information management and cost challenges. Whether it is application decommissioning or archiving of inactive clinical data, this solution enables your organization to comply with regulatory requirements, maintain long-term patient records, and reduce costs. In addition, your organization benefits from improved patient outcomes and enhanced productivity by giving clinicians immediate access to archived records—enhancing the value of your Epic EMR investment.

The Clinical Archiving solution gives your Epic users on-demand access to all archived patient records, documents and images—eliminating the need to navigate multiple systems and user interfaces. Clinicians are provided immediate access within Hyperspace to a complete view of patient history, diagnosis and treatment where they are most needed—at the point of care.

Whether you are using Clinical Archiving to periodically—and automatically—archive inactive data to reduce the load placed on current production systems and improve overall system performance, or decommissioning clinical legacy applications and systems, EMC can assist you in solving your challenges and help you deliver better patient outcomes, lower costs, and ensure regulatory compliance.

INTEGRATED. SCALABLE. COST-EFFECTIVE.

Clinical Archiving provides scalable and seamless interaction with your Epic EMR and the rest of your IT environment by leveraging native Epic API’s and industry standards.

EMC’s Clinical Archiving solution offers:

- Web application launched from Epic Hyperspace that enables users to find and view archived records—structured data, clinical documents, and medical images.
- Scalable, cost-effective, high-performance platform capable of archiving all forms of medical information—structured and unstructured.
- Open system based on XML standards that allows your organization to design its own data model, rather than being constrained to fit into a vendor’s proprietary model.
- Ability to leverage EMC’s information infrastructure for storage: Isilon, Data Domain, Atmos, Centera,* as well as RSA Data Protection Manager for data encryption. **

Clinical Archiving supports IHE standard for Cross-Enterprise Document Sharing (XDS), enables your organization to share archived patient information with every clinician across the enterprise and the continuum of care, regardless of their facility location.
While there are a number of clinical archiving solutions on the market, no other vendor can match the functionality of EMC Documentum Clinical Archiving.

- **Multiple Application Archiving**: Archive information from multiple applications into one central archive. This gives clinicians on-demand access to the information they need.

- **Multiple Information Types**: The central archive manages all forms of information, including EMR data, documents, medical images, voice recordings, and CDA documents. This provides the ability to control which Epic users have access to which items in the archived records.

- **On-Demand Access**: Clinicians and authorized Epic users have immediate access to all archived information when and where they need it the most—at the point of care, regardless of which system originally created it.

- **Compliance**: Data immutability is ensured by writing data to storage in a “Write Once Read Many” (WORM) mode. In this way, the data is protected from intentional or accidental tampering. Data security is ensured by EMC authorization and access control. Data encryption is as an option based on RSA’s Data Protection Manager. And all user access to archived clinical data is logged in an audit trail, allowing you to meet key compliance requirements.

- **Open Architecture**: Clinical Archiving is based on the Open Archival Information System (OAIS), and handles all forms of information, whether data or content, using an open standard: XML. This allows you to avoid proprietary designs and data models that most archiving solutions on the market require you to follow, and prevents vendor “lock in” which often hampers your ability to federate and share securely your patient data.
EMC KNOWS HEALTHCARE

Ensure access to a patient’s lifetime of information with EMC Documentum Clinical Archiving and EMC information infrastructure to:

Establish a future-proof data archive—Move inactive and legacy application information into a non-proprietary, standards-based, XML database, which ensures that patient information is easily accessible at any point in the future for clinical purposes, research, or data mining.

Simplify data retrieval—Save 20% or more on the cost of e-discovery searches on data from legacy applications that have been migrated.

Ensure governance and records compliance—Preserve inactive clinical and legacy application data to ensure that it is immutable—unable to be deleted or altered—while also being auditable.

Decrease costs—Dramatically reduce TCO by decommissioning your obsolete systems—while giving Epic users immediate access to the wealth of clinical information archived from those systems.

EMC KNOWS EPIC

As the leading IT infrastructure provider for North American Epic deployments, supporting nearly 70% of Epic environments—including 9 out of 10 of the largest Epic deployments. EMC knows Epic. Put our experience to work for you with any of our Documentum Integrated Patient Record (IPR) solutions. With EMC and Epic, you will be able to optimize your care delivery, lower costs, and achieve an integrated patient information strategy that supports your critical imperatives moving forward.

GET STARTED

Clinical Archiving allows your organization to reduce costs by decommissioning obsolete legacy applications and current production applications, and enables clinician access to this data—on-demand—from within the Epic environment.

To learn more about EMC Documentum Clinical Archiving, contact your local representative or authorized reseller—or visit us at www.EMC.com.

* EMC storage systems—BRS Isilon, Data Domain, Atmos, Centera—are purchased separately.
** RSA Data Protection Manager is an add-on option.

EMC®, EMC, the EMC logo, are registered trademarks or trademarks of EMC Corporation in the United States and other countries. VMware are registered trademarks or trademarks of VMware, Inc., in the United States and other jurisdictions. © Copyright 2014 EMC Corporation. All rights reserved. Published in the USA. March, 2014 Solution Overview. Part number H13011.

EMC believes the information in this document is accurate as of its publication date. The information is subject to change without notice.