

Oracle's Lifecycle Content Management

Solution for Healthcare

Healthcare providers are pressured from all sides with changing demographics, evolving best practices, complex workflows, and regulations. Yet, they must retain, protect, and provide fast access to growing amounts of patient data including medical images, genetic information, and unstructured observation notes, in spite of limited budgets and resources. And, as many healthcare providers are discovering, their infrastructures for medical image and records archiving is not up to the task of meeting growth, reform, and business requirements. Many systems function as silos without support for new interoperability standards or new workflow requirements.

Oracle's Lifecycle Content Management for Healthcare

Oracle's Lifecycle Content Management for Healthcare solution is a modern, standards-based enterprise content management solution optimized for fast access to and long-term retention of medical records and images. Lifecycle Content Management for Healthcare combines the market-leading Oracle WebCenter Content with Oracle's proven StorageTek Storage Archive Manager software. The combination creates an enterprise-wide content management and archiving solution supported by an automated, highly efficient tiered storage infrastructure. The solution scales seamlessly, supports emerging healthcare standards, simplifies management of data and storage resources, and includes advanced data integrity capabilities to support long-term retention. As a result, providers can improve the overall efficiency of managing administrative, EMR, and PACS data while meeting compliance and Meaningful Use criteria, thereby accelerating care delivery and improving patient outcomes.

Meet Compliance Requirements

The Lifecycle Content Management for Healthcare solution includes software and hardware components pretested and proven to work together to help you satisfy compliance and incentive requirements. As a result, you're able to quickly deploy a solution to manage unstructured medical data in a centralized repository that is governed by policies for security, versioning, retention, and deletion. The automated archiving component automates data placement, data integrity checking, copy management, and file migration and deletion.

Maximize Efficiency and Reduce Costs

Oracle's Lifecycle Content Management for Healthcare solution lowers administrative



MODERN STANDARDS-BASED ENTERPRISE CONTENT MANAGEMENT

Oracle's Lifecycle Content Management Solution for Healthcare:

- Supports both medical images and other clinical and administrative data so providers need fewer systems improving manageability.
- Supports emerging healthcare standards including DICOM, XDS, XDS-I, HL7, etc.
- Open, non-proprietary architecture for enables easy access to data, improved share-ability, simple tech refresh and data migrations
- Supports search across the entire centralized content repository to speed provider time-to-access and lower operational costs
- Employs storage infrastructure solution optimized for long term data retention

and storage costs because you can centrally manage all medical data including DICOM and non-DICOM images, video, documents, and healthcare data types. The storage component enables you to consolidate and centralize the storage of data and images using multiple tiers of storage seamlessly, unifying multiple storage types into one logical solution. Tiers balance the cost of storing data with access and retention requirements to provide an efficient, affordable, and scalable storage infrastructure. Further, you can improve disaster recovery by having multiple copies of the data automatically sent to local and remote locations.

Achieve Seamless Interoperability

Through the use of interoperability standards, such as DICOM and XDS combined with powerful content management capabilities, applications can quickly and easily search the entire repository and access what they need. Connecting to HIEs, ACOs, and other third parties to meet requirements for secure medical content access and distribution is more straightforward than ever.

Lifecycle Content Management Solution Components

Oracle's Lifecycle Content Management for Healthcare is an Oracle-on-Oracle solution that includes Oracle software, servers, and storage—in a pretested, pre-certified approach that is optimized for efficiency and performance without compromising reliability, security, and data protection. The Lifecycle Content Management for Healthcare solution can be tailored to your unique requirements with the following components:

- » Oracle WebCenter Content, which provides the integration to PACS and EMR/EHR systems and a centralized enterprise content management system to address key compliance requirements
- » Oracle's StorageTek Storage Archive Manager, which provides data and archive management capabilities for tiered storage environments
- » Oracle ZFS Storage Appliance high-performance NAS storage
- » Oracle's Pillar Axiom high-performance SAN storage with advanced quality of service
- » Oracle's highly scalable, highly economical StorageTek tape storage

Meet Diverse Business Objectives

The combination of technology-driven patient care and federal mandates and incentives is making it necessary for healthcare providers to implement large repositories to store growing volumes of medical images and patient data. And, they must provide consolidated search and access of any data of any age stored on any device. With Oracle's integrated approach, which pairs powerful management software with high-performance disk and tape storage, you can deploy a unified solution for content that delivers critical operational advantages:

- » Scale from a single modality support to enterprise-wide, multimodal, or combined clinical and administrative data archiving
- » Use one solution for both active archiving and cold storage preservation
- » Ensure long-term integrity and immutability of medical images
- » Support new and emerging standards and formats such as DICOM, XDS, XDS-I, WADO, and more
- » Save time and reduce operational costs with "set-and-forget" automated policies

CONNECT WITH US



FOR MORE INFORMATION
Contact: 1.800.ORACLE1