CONSERUS™

Conserus™ Image Repository
Single platform to consolidate image data from multiple systems for EMR
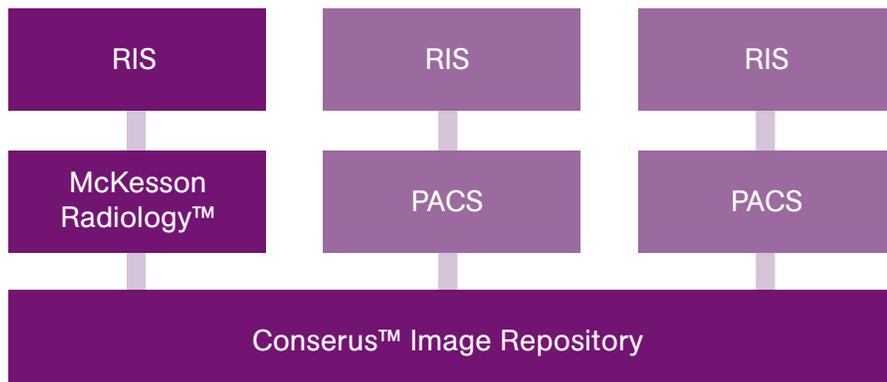

figure 1
The Conserus™ Image Repository solution supports image data sharing between disparate healthcare enterprises or systems.

Benefits

The image repository helps organizations:

• Improve image data sharing and access throughout the enterprise

• Eliminate the need for data migration

• Reduce image-management-related expenditures

• Comply with your facility's established retention requirements for image data

Supporting PACS from multiple vendors is a real challenge for organizations like yours. From your clinicians' viewpoint, accessing each system independently to see the complete patient imaging history is inefficient. From your administrators' viewpoint, managing a separate PACS at every facility is an inefficient and ineffective use of resources, too. Plus, building and maintaining disaster recovery for each individual system can become complex and expensive. Add in the multiple integration points necessary to image-enable an EMR and you have escalating costs on your hands. What if you could put a single platform in place that gives better efficiency to your clinicians and administrators and better health to your patients and your business? With Conserus, you can.

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Features

The image repository includes:

- Enterprise image archive, independent from McKesson Radiology™ and other PACS

- Ability to share image data between disparate healthcare enterprises or systems, when permitted

- Central management of image data with one investment in a single, larger storage platform

- Single view of patient image data across the enterprise

- Remote system monitoring and evaluation

Our Conserus™ Image Repository solution brings together all the scattered images from numerous isolated systems and provides a single view of the patient's imaging history, accessible from anywhere across your enterprise *(see figure 1)*. And regardless of whether you use McKesson Radiology™ or other PACS, our repository archives and manages image data on behalf of the systems with which it interfaces.

You'll also be able to support image data sharing between disparate healthcare enterprises or systems, when permitted, because Conserus Image Repository simplifies enterprise-wide access to image information with a single point of distribution for image data.

The value of Conserus Image Repository

Our Conserus Image Repository solution helps reduce the escalating image-management- related expenditures, including hardware and operating costs, through system consolidation:

- Central management of image data reduces the number of individual systems that need maintenance and disaster recovery plans.

- You will invest in a single, larger storage platform for all image data rather than separate storage investments for each PACS.

- You will have standard interfaces to all connected systems while storing data in a standards-based format.

- Because of the separation of image data management and PACS, you can replace a connected PACS without migrating data.

- Decoupling the purchase of clinical applications (e.g., PACS) from archive systems allows purchases to be made in different time frames.

Designed to help reduce the complexity of integrations and interfaces, Conserus Image Repository provides your facility with valuable image data sharing throughout the enterprise:

- A single point of distribution/EMR integration for image data

- A single system for all PACS to access image data, without the need for additional point-to-point connections between all systems

- A single view of patient image data across the enterprise through matching of patient records across multiple ordering systems

- Image data sharing between disparate healthcare enterprises or systems, including participation in a healthcare information exchange, when such sharing is permitted

The Conserus advantage

Conserus Image Repository provides advantages not available from other vendors.

We offer turn-key system deployments and support for the end-to-end solution. Our extensive experience with image management solutions allows us to provide more than just software and services. We also take ownership of hardware acquisition and deployment, storage, disaster recovery, and other key system components. As a result, we consider each customer's entire enterprise image repository, while also serving as the single point of support going forward.

For the largest of healthcare organizations, Conserus Image Repository provides enterprise-scale connectivity with the ability to connect to multiple ordering systems. In addition to handling patient data across multiple ordering systems when an enterprise master patient index (EMPI) is in place, our repository also handles situations where no EMPI is available, as seen frequently when new facilities are acquired.

Additional Features

Our Conserus Image Repository solution features a dedicated development team focused on continually expanding its capabilities with new enhancements.

The latest additions for use with Conserus Image Repository include:

Conserus™ Clinical Data Exchange

This Publisher module allows you to configure sharing of prior patient imaging exams from the Conserus Image Repository and reports from the HL7®-capable radiology reporting systems within an XDS affinity domain.

As an IHE Cross-Enterprise Document Sharing (XDS) Document Source and XDS-I Imaging Document Source, Conserus Clinical Data Exchange Publisher is deployed in conjunction with Conserus Image Repository (version 11.9 or later) and, optionally, an HL7-capable radiology reporting system to:

• Enable sharing of reported DICOM studies and study reports

• Respond to requests for DICOM files within the Conserus Image Repository from any XDS-I Imaging Document Consumer

This tool can help you empower your diagnosticians and referring physicians to share information. Within a data sharing community, they have timely access to the prior patient imaging exams, regardless of where the patient receives care.

Conserus™ Image Repository System Dashboard

This native application gives your remote administrator more visibility and control of your Conserus Image Repository systems through a remotely accessible web- based dashboard. Administrators can

proactively evaluate and monitor the status of system components in four key areas:

• Connectivity and bandwidth

• Process and interface health

• Archive storage capacity

• Cache storage capacity

Conserus™ Retention Management This add-on can be purchased as an optional application to facilitate deletion of image data from the system when its legal retention

period has expired by allowing yours administrators to:

• Create retention/deletion rules

• Segregate patient data impacted by a legal hold

• Manage the retention of studies using custom multi-phase review and deletion rules

Contact Us

For more information about Conserus Image Repository, contact your sales representative or visit www.Conserus.com.

www.conserus.com

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