

Medcon Integrates TCS Symphony to EMC Centera For the Saint Thomas Heart Institute in Nashville, TN

Completed integration ensures that critical cardiac patient cath images and records are managed, preserved with complete data integrity and high availability with fast online access

February 7, 2005 (Whippany, NJ): Medcon Telemedicine Technology, Inc. today announced it has completed the integration of TCS Symphony™, the complete cardiac information and image management and workflow solution, with EMC Centera content addressed storage (CAS) at the Saint Thomas Heart Institute. EMC Centera represents a software-driven storage architecture specifically designed to address the unique information storage requirements of fixed content, such as cardiac electronic patient records, including mission-critical cath images and reports.

The Saint Thomas Heart Institute searched for a comprehensive cath imaging and reporting solution for their eight cath labs that could seamlessly integrate with EMC Centera, which was already installed in the facility. After evaluating several vendors, Saint Thomas chose Medcon's TCS Symphony for its superior flexible open-architecture design, ensuring smooth integration with Centera and fulfillment of strict security and access speed requirements. TCS Symphony aggregates cardiology multi-modality images, such as echo, cath and nuclear medicine, together with patient information, including hemodynamics and ECG waveforms, in one central database for LAN and Internet access. Medcon worked closely with the IT department at Saint Thomas and technicians at EMC to develop a solution using Centera's application programming interface (API) that would ensure data integrity, and support HIPAA regulations.

"Saint Thomas performs 16,000 cath procedures annually, generating 4.2 terabytes of data," says Dr. George Liesmann, Chief Medical Officer, Saint Thomas Hospital. "Each cath procedure generates around 500MB of data, consisting of both images and reports. Medcon's TCS Symphony manages the imaging and reporting workflow in the lab, creating one electronic cardiac record for dissemination and archival. Data integrity, storage scalability and fast access to archived procedures are crucial, so it was imperative for us to choose an imaging and reporting solution that could integrate seamlessly with EMC Centera, the storage solution we deployed at Saint Thomas. Medcon and EMC delivered the technological expertise we needed, making the integration between TCS Symphony and EMC Centera a huge success."

"We are particularly proud of our success with EMC Centera at Saint Thomas," says Uzi Blumensohn, CEO of Medcon. "We, at Medcon, take pride in our ability to address the special needs of our customers and design solutions according to their specifications. The integration with EMC Centera is a perfect example of this. The open-architecture design of TCS Symphony and our technical expertise delivered exactly what the customer needed."

Roy Sanford, Vice President of Content Addressed Storage, EMC, said, “EMC Centera brings a new level of value to cardiology imaging applications. As the world’s first CAS solution, EMC Centera addresses the unique requirements of healthcare fixed content, especially in cardiology imaging, where data integrity and fast access to archived material is critical to patient care. We are pleased that Medcon integrated with EMC Centera to accelerate and improve Saint Thomas’s clinical workflow.”

Cath, echo, nuclear cardiology, CT and MRI images and reports, like all types of fixed content, have three common attributes: long-term value to an organization, the need to remain unchanged and increased value through fast access with assured content integrity. The EMC Centera network-based storage solution is designed to deliver all three while economically scaling from multiple terabyte to petabyte-sized environments.

About Medcon Telemedicine Technology

Medcon Telemedicine Technology, Inc. is a global leader in cardiac image and information management with hundreds of installations worldwide, including the U.S., Europe, Asia/Pacific and South America. It develops and markets a complete line of turnkey solutions that address a full spectrum of needs, such as diagnostic filmless image management, cath, echo, and nuclear medicine lab archiving, as well as the exchange of cardiac images and information over Internet/Intranet communication lines. Medcon is committed to the support of industry standards including DICOM, Worklist/SR, HL7 and CCOW and supports HIPAA regulations. For more information on Medcon Telemedicine Technology, visit www.medcon.com or call our toll-free number 1-877-5MDVIEW.

Trademarks

EMC is a registered trademark, and Centera is a trademark of EMC Corporation.

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