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Mach 7 Technologies Rolls Out Keystone Study Segmentation, Rapid Migration and Import - Export Utilities

Point Applications Provide New Technical Tools that Enhance Company's Flagship Keystone Suite™ Enterprise Management Platform

BURLINGTON, VT – June 3, 2010 – Mach 7 Technologies (M7T), a global provider of flexible, PACS-neutral healthcare image management solutions, has added three new utility tools to its flagship Keystone Suite Enterprise Image Management Platform. The three applications are the Keystone Rapid Migration Utility (RMU), the Keystone Study Split Utility (SSU), and the Keystone Study Import - Export Utility (SIEU).

M7T's Keystone Suite consists of four scalable components: Keystone Archive, Keystone Engine, Keystone Management Console, and Keystone Clinical Viewer. This robust product suite delivers PACS-Neutral Archiving, intelligent image movement and normalization, image enablement, and advanced control, monitoring, and auditing of Keystone Suite processing. The three new utilities add high-value point solution applications to the Keystone Suite.

“The Keystone Utilities demonstrate how the latest technologies can be leveraged to deliver new, advanced solutions to common workflow challenges, and we are seeing a lot of excitement around the utilities from customers and the market,” says Eric Rice, Director of Global Product Management of Mach 7 Technologies. “In addition to complementing the current Keystone Suite of products, the release of these accessory utilities demonstrates our ability to collaboratively work with leading luminary hospitals to deliver high-value workflow solutions that may be leveraged around the globe.”

The Keystone Rapid Migration Utility (RMU) is a technical utility designed to enable hospital PACS administrators, in-house imaging IT staffs, and in-sourced/outsourced professional IT

service organizations to migrate imaging studies from one PACS to another PACS — either a newer version of its existing system or to a new PACS from a different vendor.

Capable of performing traditional migrations through standard DICOM communications, the Keystone RMU is additionally designed to perform “rapid migrations” from those PACS systems where digital imaging studies have been stored in a standard DICOM format. In a rapid migration, the Keystone RMU directly accesses files on the file system, pulls those files off the file system, and moves them into the new target PACS — instead of querying through the PACS system. This “rapid migration” approach greatly reduces the time required to migrate the image files by by-passing the overhead of the source PACS and instead going directly to the source of the files, removing them, and inserting them into the target PACS using standard DICOM communications.

The Keystone Study Split Utility (SSU) is a stand-alone modality workstation application designed to improve imaging technologists’ workflow by enhancing speed, productivity, and efficiency. The Keystone SSU enables technologists to separate a single study coming from a given modality into multiple studies. In doing so, technologists are able to accelerate the time it takes to accurately split single, multi-region CT and MR scans (i.e., chest - abdomen - pelvis) into anatomic regions that match the original orders from the radiology information system (RIS).

With the Keystone SSU’s intuitive user interface, technologists can get a very clear picture of their workflow, with the ability to monitor images being acquired, sent, and verified along with quality workflow checkpoints through DICOM Modality Worklist integration to the local RIS or PACS broker. With this integration point, the Keystone SSU is able to ensure accession numbers (orders) are completed prior to processing, imaging studies are associated to the appropriate patient, study descriptions are accurate, all images are sent, and more.

This efficiency-gaining Keystone SSU application will enable radiologists, who specialize in one region of the body, to quickly get just the images they need to read while ensuring that billing is correctly done for all orders entered into the system. The efficient and accurate splitting of studies is important to provide better patient care while improving business outcomes.

The Keystone Study Import - Export Utility (SIEU) simplifies the process of importing and exporting medical imaging studies through an intuitive interface with advanced functions. With the Keystone SIEU, imaging IT staff have an efficient, accurate, and centralized approach to importing outside imaging data, as well as exporting imaging data. Studies may be imported from patient CDs, DVDs, drive locations, and directly from external PACS solutions through standard DICOM communications. After studies are acquired by the Keystone SIEU, the utility can update patient and exam metadata through standard DICOM Modality Worklist (DMWL) queries to the local information system. Based on the results of the query, users are able quickly select the appropriate patient and exam data to be systematically updated on the study.

The three new high-value point solution applications provide powerful technical utilities that add even greater value to M7T's Keystone Suite Enterprise Image Management Platform. With Keystone Suite, healthcare enterprises can own, share and access image data, enabling PACS-Neutral Archiving and facilitating more complete collaboration across the imaging continuum — from technologists, to radiologists, cardiologists and specialists, to referring physicians. The result is better patient outcomes.

About Mach 7 Technologies

Headquartered in Burlington, VT, Mach 7 Technologies is a global provider of innovative, PACS-neutral image management solutions that enable healthcare enterprises to better control, share and access medical imaging data. Mach 7 Technologies develops software products that solve sophisticated image management challenges for hundreds of hospitals, imaging centers and clinics worldwide. For additional information, please visit www.Mach7T.com.

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