Carestream's Healthcare IT Platforms Provide a More Holistic View of the Patient

Imaging Informatics Professionals Can Implement Enterprise Viewers
That Have FDA Clearance for Clinical Reading

Creating rapid, secure access to imaging data by on-site and off-site users is a major goal of informatics professionals attending the SIIM (Society for Imaging Informatics in Medicine) conference held this year from 28-30 May. Carestream representatives will demonstrate advanced healthcare IT software solutions that deliver convenient, high-quality imaging access and support expedited data sharing among departmental systems, PACS platforms and vendor-neutral archives.

"Efficient management of patient medical data must include all types of images, which is difficult because image data is currently stored in diverse formats in a variety of departmental systems," said Cristine Kao, Carestream's Global Marketing Director for Healthcare Information Solutions. "Imaging informatics professionals understand these challenges and can work with IT managers and others to help drive implementation of new technologies that enhance data exchange across the enterprise."

Data sharing must include both on-site and off-site users and serve the needs of radiologists, clinicians, specialists and referring physicians. An essential element of clinical data distribution is an enterprise viewer that equips clinicians with the ability to view reports and associated imaging data on mobile devices while they are seeing patients at hospitals, offices, clinics and other healthcare provider locations.

"It's important to select a viewer that offers FDA clearance for clinical reading and is approved for use on popular tablets, phones and other mobile devices. The FDA clearance indicates that the viewer has demonstrated its ability to maintain data integrity for each approved device," Kao explains.

Carestream showcased its Vue Motion viewer and clinical data sharing platform at the tradeshow. "Using the latest interoperability standards allows data to be aggregated, which creates a more holistic view of the patient. This can also mitigate the need for expensive data migration from older systems by federating multiple devices," she adds.

A vendor-neutral archive (VNA) links radiology, endoscopy, pathology, cardiology, lab results and other forms of data. Carestream's flexible Clinical Collaboration Platform can complement a provider's existing departmental PACS or archive and offers a series of optional modules that can bring unstructured data into the clinical workflow and enhance the delivery of patient images and reports to clinicians — and to patients. As one of the first VNA suppliers to implement HL7's new FHIR framework (Fast Healthcare Interoperability Resources) Carestream will also demonstrate its use of IHE profiles.

In addition, Carestream's Vue Connect technology allows providers to link disparate PACS from multiple sites to create an enterprise-wide workflow. Management of multiple patient IDs is handled through use of IHE profiles. Managers can easily add new sites and synchronize all sites regardless of vendor platform, age, location or network speed.

Carestream's image viewer and content management platforms can help address the workflow needs of healthcare providers ranging from imaging centres and small hospitals to multi-site healthcare systems.

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