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HOW COMBINING DICOM ARCHIVING AND ENTERPRISE CONTENT MANAGEMENT (ECM) CAN PROVIDE ADVANCED INTEGRATED CLINICAL INFORMATION

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It is a necessity to develop an integrated, enterprise-wide medical imaging and clinical information strategy. Specialty departments such as radiology, cardiology, obstetrics, pathology and dermatology are generating images and disparate, unstructured clinical information and storing it in silos. Healthcare organizations need to implement a comprehensive clinical information strategy to capture, view, share and archive images and other unstructured data alongside their structured content. Clinicians need easy access to this information from multiple types of devices including mobile technologies. Traditionally, integrated medical imaging and clinical information solutions were developed independently for departments such as radiology and cardiology. It was quickly determined that a wide array of other departments could benefit from these integrated solutions. Soon data repository silos of clinical information emerged presenting inefficient process challenges for clinicians. Combining digital imaging and communications in medicine (DICOM) archives within the enterprise content management (ECM) solution turns the challenge into an opportunity as it helps the organization establish a clinical information strategy to capture, view, share and archive images and information in order to improve patient care. By combining the DICOM archives with ECM, the organization can improve operational and business process efficiencies. This integrated advanced clinical information solution provides a single point of access to DICOM and non-DICOM content available without the need to log into different systems or reselect the patient. Taking this a step further and connecting the DICOM archive and ECM solution to the organization's electronic health record (EHR) provides a more comprehensive view of the patient record with access to patient and episodic documentation thus improving the quality and continuity of patient care.

Biography

Laura Pietromica has been working in the healthcare field for more than 16 years and has spent the past nine years with Hyland's Healthcare division. Prior to joining Hyland, she was the lead system administrator responsible for overseeing the software platform used in all endoscopy departments at a large multidisciplinary academic medical center in the USA. Since joining Hyland, she shares her time working with customers to strategically plan projects, consult and develop ECM roadmaps. She is a HIMSS Analytics Certified Educator for EMR Adoption Model as well as the Analytics Maturity and Continuity of Care Adoption Models. She has Bachelor of Science degree in Communication from Ohio University and holds certificates in Document Imaging Architect (CDIA+) and Enterprise Content Management Practitioner (ECMp). Her experience in the use of technology within the healthcare space positions her as a trusted advisor to healthcare organizations around the world.

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