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Claron Showcases Nil Zero-Footprint Universal Mammography Viewer at ECR

New Technology Cleared for Sale in Europe and Canada

March 4, 2015, Vienna—Claron Technology, a leading developer of software for enterprise imaging and advanced visualization recently acquired by Lexmark, will showcase at the European Congress of Radiology (ECR) in March its NilRead universal zero-footprint diagnostic viewer for mammography applications. NilRead’s regulatory clearances in Canada and in the EU have recently been expanded to include mammography, making NilRead the first zero-footprint mammography viewer cleared for sale in these regions. Claron has also submitted to the US Food and Drug Administration (FDA) for NilRead mammography clearance.

NilRead universal viewer supports anywhere, anytime viewing of diagnostic mammography images on a high resolution monitor. Support includes both full field digital mammography studies and digital breast tomosynthesis. It enables radiologists to easily confer on cases, compare prior exams from any institution with current images and evaluate mammograms remotely anywhere worldwide.

Like other viewers in the Nil family, the innovative mammography viewer runs from a remote location with server-side rendering, eliminating the need to transfer ultra-large mammography files locally for image manipulation. This makes it particularly appropriate for telemammography.

“Today, the volume of mammography exams worldwide is growing rapidly,” says Claudio Gatti, Chief Technical Officer for Visualization and founder of Claron. “Given that, the ability to read studies with a diagnostic viewer from any location is a significant benefit. Our new mammography support completes our offerings to cover both referral and primary image viewing for virtually every type of exam, from simple digital x-ray, CT and MRI 3D studies to the extremely data-intensive breast images. This makes Nil the only family of true, universal viewers available today, providing a genuine, comprehensive alternative to a dedicated PACS viewer. Now radiologists and other physicians can read mammography studies anywhere as if they were at their local workstation.”

Gatti points out that Nil enterprise viewers can be an important tool for accessing images through an EHR or other cross-department, unified patient record.

NilRead is a full-featured viewer designed to enable diagnostic reading anywhere, anytime on any device -- tablets, smartphones, laptops or desktops. NilRead supports diagnostic viewing of all DICOM imaging modalities on single or multi-monitor configurations. The viewer includes support for customizable hanging protocols, prior-current comparison, and extensive measurements, and advanced visualization features such as thin/thick slabs, MIP, volume rendering and PET/CT fusion.

Complementing this is NilShare for viewing clinical images and interactive reports for real-time consultations and collaboration. Both viewers support a full range of images in addition to DICOM, including jpeg, tiff and pdf, as well as reports.

The Nil viewer family is optimized for streaming integration with remote archives, including PACS and VNA, without caching data. This allows Nil to provide best user experience for the clinical workflow typical of universal viewers, where it is not possible to optimize data access based on a scheduled workflow.

NilRead and NilShare can be integrated into any DICOM network and are available as turn-key systems for hospitals, imaging groups or radiology practices. Nil uses highly optimized client-server communication to remain responsive even over connections with limited bandwidth and high latency, such as cellular 3G. Nil server-side software requires no special graphics hardware, allowing it to be easily virtualized and run in a cloud environment.

About Lexmark

Lexmark is uniquely focused on connecting unstructured printed and digital information across enterprises with the processes, applications and people that need it most. For more information, please visit www.lexmark.com.

About Claron Technology, Inc.

Claron is dedicated to the application of image processing, image sharing and image distribution in medicine. It has extensive experience in developing systems that help clinicians identify anatomy and tissues of interest, visualize and analyze them, and securely distribute them on a variety of different platforms from desktop to smartphones. Claron helps healthcare providers deliver more value to their patients by making physicians more efficient and connected. For more details, visit www.clarontech.com.