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Claron Debuts Nil Cloud-Based Diagnostic Browser, Enhanced WIF Medical Imaging IT Development Platform at RSNA 2011

November 27, 2011—Chicago—Claron Technology, a leading developer of software for advanced visualization and analysis of medical images, highlights major expansions and enhancements to its two major product families: Nil (No Install) and WIF (Withinsight Framework) at the Radiological Society of North America (RSNA) conference.

Claron adds to its Nil cloud-based exam viewer family with NilRead, a full-featured viewer designed to enable diagnostic reading anywhere, anytime and on any device -- tablets, smartphones, laptops or desktops. The viewer includes support for all modalities, customizable hanging protocols, prior-current comparison, extensive measurements, many advanced visualization features (thin/thick slabs, MIP, volume rendering, PET/CT fusion), secure email bookmarks and real time collaboration.

The viewer complements existing viewer NilShare, which provides clinician and patient access to interactive reports and real-time consultations and collaboration. NilShare was introduced last year and was quickly licensed by a number of modality and PACS vendors.

Nil products provide anywhere, anytime viewing, visualization and manipulation of images from all modalities. Nil clients are programmed using pure AJAX (HTML and Javascript), supported on any web-enabled computing device, and provide both a mouse-based and multi-touch UI. With a zero-footprint architecture, Nil clients run securely and instantly and leave no trace in memory when closed, requiring no IT support. Nil server-side software requires no special graphics hardware, allowing it to be easily virtualized and run in a cloud environment. Nil uses highly optimized client-server communication to remain usefully responsive even over connections with limited bandwidth and high latency, such as cellular 3G.

NilShare and NilRead can be integrated in any DICOM network and are available as turn-key systems for hospitals, imaging groups or radiology practices. Claron plans to file a Class II 510k submission for NilRead with the FDA by the end of the year.

This RSNA, Claron also debuts release 2.0 of WIF, a rich collection of software building blocks for accelerating the development of a wide range of medical imaging applications. In this latest release, WIF has been ported to C#, expanded to provide over 10,000 functions and optimized to run faster and generate higher quality images. In addition to supporting desktop and thin-client deployment, it now also supports zero-footprint technology and powers members of the Nil products family. WIF was commercially introduced in 2008 and is already licensed by more than a dozen OEMs shipping products that visualize and manipulate CT, MRI, ultrasound, X-ray and ophthalmic images for diagnosis, analysis and guidance of therapy.

About Claron Technology, Inc.

Claron is dedicated to the application of image processing technology in medicine. It has extensive experience in developing systems that help clinicians identify anatomy and tissues of interest, visualize and analyze them, and safely navigate their instruments during surgical procedures. Claron helps healthcare vendors, ranging from young start-ups to large multi-national device and IT vendors deliver more value to their clinical customers faster by incorporating its technology into their products. Claron's technology is licensed in a range of formats, including low-level modules, platforms, sub-systems, applications and custom engineered exclusive solutions. For more details, please visit www.clarontech.com.