

## **KJAYA to Showcase iShareScan.com at RSNA 2012 Image Sharing Demonstration**

**November 28, 2012**—KJAYA Medical (Stamford, CT) has been selected to showcase its cloud-based iShareScan.com technology in the Radiological Society of North America (RSNA®) 2012 Image Sharing Demonstration at the annual conference in Chicago. iShareScan.com enables on-the-fly retrieval and viewing of images, reports, dose reports, and other imaging-related data from any XDS-compliant archive using a web-enabled computer. While the iShareScan technology functions as an IHE XDS consumer, it goes beyond simple file viewing and automates transfer of a copy of the data to the KJAYA cloud archive. From there, users can view and share it over the web as desired with any authorized user. Utilizing the company's universal remote viewer, physicians can manipulate images instantaneously in 2D, 3D, 4D or fusion.

“KJAYA's iShareScan introduces a new dimension in image sharing. Unlike other solutions, it offers diagnostic capability at unprecedented speeds when accessed over the Internet. Using the web, iShareScan users can upload scans from a CD or a PACS. Today, we are demonstrating the added capability of transferring imaging data using an XDS consumer protocol to the cloud with such imaging fidelity. Large raw scans are not transmitted directly to end users but instead are streamed, allowing our technology to maintain diagnostic quality and to efficiently utilize available Internet bandwidth. To stream high definition visualizations of these large scans on demand, one needs a high performing cloud. Meeting that need, KJAYA's patent-pending cloud is supercomputing-enabled through the use of gaming technology. The system can be adopted without any capital cost, new onsite IT infrastructure, and compatibility issues with existing IT investments,” says Kovey Kovalan, founder and president of KJAYA.

iShareScan registration is free, and allows patients cloud archive storage so that they can share their images with referring physicians and specialists as needed. After locating the appropriate XDS data over the web, the KJAYA image sharing system transfers it to the company's private cloud for storage.

At the RSNA Image Sharing Demonstration, attendees will complete simulated imaging procedures, from scheduling them on a RIS through results reporting. Then, they can access all data from the RSNA's online XDS registry-repository and share information with other attendees using technology from participating image sharing vendors. The RSNA architecture is similar to the technology utilized in the RSNA Image Share pilot project, funded by the National Institute of Biomedical Imaging and Bioengineering (NIBIB), which creates a blueprint for patient-controlled image sharing.

At RSNA, all showcased image exchange architecture will be based on the IHE cross-enterprise Document Sharing for Imaging (XDS-I) profile. KJAYA and other image sharing vendors were required to demonstrate the capabilities of their technology as part of the selection process.

KJAYA iShareScan is part of the company's advanced VoXcell Imaging Suite, a revolutionary cloud based medical imaging data management system that features complete RIS, PACS, 3D-post-processing, image sharing, long-term archiving, redundancy and high availability, It operates seamlessly with unprecedented speed over the Internet from the KJAYA cloud. Taking advantage of the same technology that powers today's graphic intensive computer games, VoXcell relies on multiple graphic processing units (GPUs), which handle large amounts of information simultaneously on the private, secure KJAYA cloud. This makes the system 100 times more powerful than conventional servers that utilize single central processing units (CPUs). This immense computing power produces and streams Intelligent Visualizations® instantaneously over the web without transmitting the raw scan to the end user. The result is the ability to generate and interact with diagnostic quality images on-demand and in real time from any Web-enabled computer including the iPad, making it an ideal platform for image sharing.

Visit KJAYA at the RSNA Image Share area at McCormick Place, Lakeside Center, Hall D, Booth #1628 while at RSNA to learn more about the project.

### **About KJAYA**

KJAYA is an emerging company in the medical imaging space with an ambitious plan but with just sufficient resources to execute our vision. However, we are dedicating our limited human resources to participate in the success of the Integrating the Healthcare Enterprise (IHE) initiative because it fits our mission.

KJAYA's mission is to assist healthcare providers in delivering time-critical radiology information of patients instantly, intuitively and anywhere, so physicians can make better decisions to save lives and improve patient care. We do this through the use of our Cloud Supercomputing Radiology Platform based on gaming technology. This approach enables the efficient user of internet bandwidth to view diagnostic quality images without the need of transmitting raw images to the end user. Therefore, medical images, that are so large, can reside and accessible over the cloud; KJAYA's VoXcell Cloud.

The company was honored with 2011 Frost and Sullivan Award for Technological Innovation, and 2012 Connect Healthcare Innovation Venture Roundtable Winner.

### **About RSNA**

The Radiological Society of North America (RSNA®) is an international society of radiologists, medical physicists and other medical professionals with more than 50,000 members across the globe. RSNA hosts the largest medical meeting in the world, drawing 60,000 attendees annually to McCormick Place in Chicago, and publishes two top peer-reviewed journals: Radiology, the highest-impact scientific journal in the field, and RadioGraphics, the only journal dedicated to continuing education in radiology.

RSNA Image Share is a network created to enable radiologists to share medical images with patients using personal health record (PHR) accounts. This pilot project, funded by the National Institute for

Biomedical Imaging and Bioengineering (NIBIB) for \$4.7 million, is administered by RSNA, and began enrolling patients in 2011.

2012 RSNA is held at the McCormick Place in Chicago between November 25-30. The RSNA Image Sharing area is on the Lakeside Center, Hall D, Booth #1628.