



SAPHENEIA ANNOUNCES THE IMPLEMENTATION OF THE CLARITY CT SOLUTION ON GRAPHICS PROCESSING UNIT

November 29, 2009 – Sapheneia, a global imaging services company, today announced the introduction of its **Clarity™ CT and XR Solutions** for Graphics Processing Units. This achievement yields hitherto unprecedented CT image enhancement exceeding 80 frames per second on consumer grade graphics boards. **Clarity CT and XR** software is designed to enable clinicians to significantly reduce radiation dose for patients, while retaining diagnostic quality of healthcare images.

“Even on a mid range graphics processor such as the ATI Radeon HD 4850 we are able to process between 40 and 80 frames per second! Top of the line consumer grade processors allow for significantly higher frame rates. This novel technology enables post-processing at the same frame rates as today’s fast reconstruction units can deliver,” states Hagen Spies, VP R&D at Sapheneia.

The Sapheneia **Clarity** product-line provides a complete solution for tunable, anatomy-specific image-optimization for various modalities. **Clarity CT and XR Solutions** are incorporated in the **Clarity Server** software platform, enabling image acquisition with lower radiation dose protocols, while maintaining high diagnostic quality.

About Sapheneia

Sapheneia is a global, ISO-certified imaging services company specializing in diagnostic and analytical image processing solutions. Sapheneia’s mission is to provide medical image optimization products to promote higher diagnostic confidence, greater patient and medical staff safety, and improved cost-effectiveness of medical imaging. Sapheneia’s **Clarity CT and CR Solutions** enhance the diagnostic quality of images based on settings optimized by the radiologist. This enables lower radiation dose exposures while simultaneously providing radiologists with the diagnostic confidence previously available only when reading the same images at full dose.

For more information, visit our website at www.claritysolutions.org

Press Contacts:

Hagen Spies, VP R&D Sapheneia
E-mail hspies@scpab.eu
Phone +46 70 204 49 05

Hans Grahn, CEO Sapheneia
E-mail hgrahn@scpab.eu
Phone: United States: 1-877-722-6569
International: +46 73 801 19 95