Imaging Solutions Accelerate Workflow

Real Time Tomography, LLC and NVIDIA Corp. demonstrated new, innovative image processing and reconstruction solutions for breast imaging that will dramatically improve clinical workflow and productivity.

Utilizing NVIDIA Quadro professional GPUs (graphics processing units), Real Time Tomography's new AdaraGPU™ software processes and enhances digital mammography images up to 10x faster than conventional CPU-based image processing solutions, greatly reducing the time to diagnosis. With its high image quality, flexibility and processing performance, AdaraGPU minimizes image delay – critical for interventional procedures, such as breast biopsy.

AdaraGPU is the latest addition to Real Time Tomography's software product line for 2D mammography image processing and enhancement. AdaraGPU has an integrated, 'plug-and-play' design that makes it easy and cost-effective to enhance the performance of mammography systems.

Visitors to the Real Time Tomography booth will also have the opportunity to see a pre-release demonstration of Briona™, a real time, GPU-accelerated 3D image reconstruction software solution for Digital Breast Tomosynthesis. With Briona, 3D tomographic images can be reconstructed in real-time from 2D projections at any depth, magnification and angle to the detector. Advanced features include the ability to change parameters dynamically to clinically target the reconstruction, and fast volume rendering. Briona is currently in beta development and for investigational use only.

More information, visit http://www.realtimetomography.com [1]

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[1] http://www.realtimetomography.com/