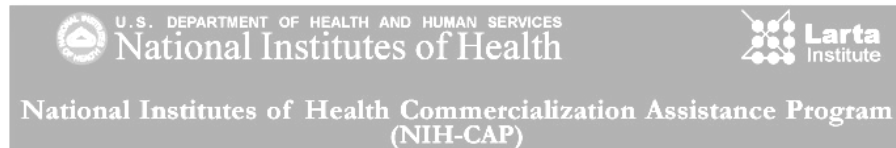**Contact:** Susan Ng

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REAL-TIME Tomography
Redefining imaging in real time

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health
Larta Institute
National Institutes of Health Commercialization Assistance Program
(NIH-CAP)

Company Profile

Industry Sector: Medical Devices

Company Overview: Real Time Tomography is focused on developing technically innovative imaging solutions that increase diagnostic accuracy and improve clinical workflow. Real Time Tomography has developed state-of-the-art advanced image processing and image reconstruction technologies for the detection and diagnosis of breast cancer.

Target Market(s): Original equipment manufacturers (OEMs) of medical imaging systems and devices.

Key Value Drivers

Technology*: Real Time Tomography's GPU-based, 2D and 3D imaging technology uses advanced algorithms that enables real-time image processing, reconstruction and manipulation with high sensitivity and specificity for more accurate and efficient diagnosis.

Competitive Advantage: Real Time Tomography's patent-pending real-time 3D imaging technology enables manufacturers of tomosynthesis systems, a new imaging modality that will be the next gold standard in breast cancer detection, to be efficient and viable in the clinical workflow. Real Time Tomography has also developed an advanced 2D imaging processing technology for application in next-generation 2D mammography systems. These components form a complete imaging solution that enables manufacturers to bring to market a superior product, that can be adapted to various markets, in a shorter time, at lower cost, and is more easily maintained and to upgrade in the long run.

Plan & Strategy: Real Time Tomography will produce 2D and 3D versions of its imaging technology as software libraries that can be easily configured and incorporated by OEMs into new and existing imaging systems.

*Technology funded by the NIBIB and being commercialized under the NIH-CAP

Management

Leadership:

Susan Ng, President and CEO
Peter Ringer, Chief Technology Officer
Chin-Hock Low, Business Advisor

Scientific Advisory Board:

Andrew D. Maidment, PhD, Chief, Physics Section in Radiology, Associate Professor at the University of Pennsylvania

Product Development

	2009				2010			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2D Image Processing Library			2D Library Beta 1.0	2D Library Beta 2.0	2D Library Product Release Jan 2010	2D Library Maintenance and Support		
3D Real-time, Image Processing and Reconstruction Library					3D Library Beta			3D Library Product Release