

NEWS RELEASE



FOR IMMEDIATE RELEASE

Visage Imaging to Showcase Live Demonstrations of its 3D/4D Visualization Software Framework amira® at Neuroscience 2007

Demonstrations will feature highly advanced tools and techniques for neuroscience applications

CARLSBAD, CA – November 1, 2007 – Visage Imaging, a wholly owned subsidiary of Mercury Computer Systems, Inc. (NASDAQ: MRCY) announced that it will highlight key features of the newest version of amira® with real-time, interactive demonstrations at Neuroscience 2007, to be held November 3- 7 at the San Diego Convention Center.

Visage Imaging's software framework, amira is the market-leading solution for visualizing, manipulating, and analyzing complex 3D and 4D data sets in biomedical research. Visage Imaging is fine-tuning a major new release of amira that is dedicated to Life Sciences applications, and will highlight some of the advanced features for neuroscience applications such as advanced tools for neuron and vessel tracing, automatic skeletonization, visualization and statistical analysis of vascular and dendritic tree structures, as well as improved powerful segmentation tools. Visage Imaging will also highlight other cutting-edge visualization and analysis techniques, such as diffusion tensor imaging (DTI).

“We use amira as the main visualization and analysis tool for our 4D microscopy images in neuroscience,” said Dr. Peter Robin Hiesinger, Assistant Professor at the UT Southwestern Medical Center, Department of Physiology, Dallas, Texas. “amira offers very high performance in multidimensional data management and visualization. Its segmentation tools are excellent, and the real-time volume rendering and deconvolution modules are extremely useful. amira is now my favorite 4D visualization software.”

Because of the rapid developments in the microscopy market, the next release of amira will also introduce several additional microscopy format readers, as well as greatly enhanced DICOM export capabilities.

“amira enables researchers in the medical and biomedical field to push the limits of what is possible today; and to visualize structures and processes that no one has ever seen before,” said Marcelo G. Lima, President of Visage Imaging. “We invite amira users to join our community of *Vioneers*, and work with us to design the tools and applications of the future.”

US Headquarters

Visage Imaging • 1815 Aston Avenue, Suite 107 • Carlsbad, CA 92008-7340 USA
+1 760-494-9652

Tel: +1 888-3D-VISAGE (1-888-338-4724)

www.visageimaging.com

For more information on amira and joining the Visioneers community, visit Visage Imaging in Booth #402 at Neuroscience 2007 or visit www.visageimaging.com.

Visage Imaging, Inc. – Visioneering Science for Life

Visage Imaging, Inc. designs and engineers clinical products that enable our customers to overcome demanding market challenges and improve diagnostic results with accuracy and expedience. As a wholly owned subsidiary of Mercury Computer Systems, Inc., we incorporate Mercury's 20 years of technical expertise and profound knowledge of the science behind diagnostic applications into our practice. We leverage this experience to push the boundaries of what is possible within our domain. Through collaborative learning, we have built a flexible, creative organization: one that is first to market with innovative 3D clinical applications, and offers best-in-class 3D products that are unique, reliable, and help our customers accelerate their own market innovation and clinical benefit. Visit us at: www.visageimaging.com

Forward-Looking Safe Harbor Statement

This press release contains certain forward-looking statements, as that term is defined in the Private Securities Litigation Reform Act of 1995, including those relating to the amira product line. You can identify these statements by our use of the words "may," "will," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," and similar expressions. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. Such risks and uncertainties include, but are not limited to, general economic and business conditions, including unforeseen weakness in the Mercury's markets, effects of continued geo-political unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, continued funding of defense programs, the timing of such funding, changes in the U.S. Government's interpretation of federal procurement rules and regulations, market acceptance of the Mercury's products, shortages in components, production delays due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, and difficulties in retaining key customers. These risks and uncertainties also include such additional risk factors as are discussed in the Mercury's recent filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ending June 30, 2007. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made.

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Contacts:

Gabi Strasser
Public Relations Manager
Visage Imaging

Phone: +49 (0)911 97341-205

E-mail: gstrasser@visageimaging.com

Kathy Sniezek
Corporate Public Relations Manager
Mercury Computer Systems, Inc.

Phone: 978-967-1126

E-mail: ksniezek@mc.com

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