Mercury Computer Systems Selected to Sharpen Performance of Checked Baggage Inspection Systems

Mercury's leadership in optimizing performance for complex image processing applications raises the image quality, reliability and efficiency of baggage inspection systems used by homeland and transportation security teams around the world

CHELMSFORD, Mass., Sep 29, 2011 (BUSINESS WIRE) --

Mercury Computer Systems Inc., (NASDAQ: MRCY, www.mc.com), a trusted provider of commercially developed ISR subsystems, has been selected by a worldwide provider of security inspection systems to accelerate the performance of its high-capacity checked baggage scanning equipment. Mercury's unique expertise in optimizing algorithms was applied to powerful graphics processing units (GPUs) which are designed into scalable, standards-based systems architecture. The optimized algorithms and Mercury's advanced software framework will enable the scanning systems to deliver ultra-clear images, improving the reliability of results, increasing security and expediting the screening process at airports and other transportation hubs.

"Mercury has enjoyed a long-standing, multi-year relationship with this market leader, which is known for innovation designed to provide quick response to changing security challenges" said Didier Thibaud, senior vice president and general manager of Mercury Computer Systems' Advanced Computing Solutions business unit. "Our expertise at optimizing advanced processing technologies, particularly general purpose graphics processing units (GPGPUs) enables us to deliver industry leading price-performance, giving our customer a competitive edge. Our seven-year track record of bringing the tremendous processing advantages of GPGPUs to a wide range of military and commercial applications is evidence of this. We look forward to working hand-in-hand with this customer as a trusted partner to deliver systems that protect individuals and communities around the world."

Initially Mercury will provide optimization for back-projection algorithms for performance on Intel x86 processors with GPGPUs serving as specialized co-processors. The company will also deliver a customized software framework to optimize data flow from the sensor to the processing engines and then to the display. The optimization will result in extremely clear images being fed to the threat detection algorithm, reducing the number of false positives and supporting high belt speeds.

Mercury first implemented GPGPUs in 2004 as part of a medical imaging application, and continues to deliver numerous GPGPU-based solutions, including various high performance intelligence, surveillance and reconnaissance (ISR) subsystems.

For more information on Mercury's subsystem solutions, visit www.mc.com, or contact Mercury at (866) 627-6951 or info@mc.com.

Mercury Computer Systems, Inc. - Where Challenges Drive Innovation®

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) is a best of breed provider of open, commercially developed, application-ready, multi-INT subsystems for the ISR market. With more than 30 years of experience in embedded computing, superior domain expertise in radar, EW, EO/IR, C4I, and sonar applications, and more than 300 successful program deployments including Aegis, Global Hawk, and Predator, Mercury's Services and Systems Integration team leads the industry in partnering with customers to design and integrate system-level solutions that minimize program risk, maximize application portability, and accelerate customers' time to market.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales offices, subsidiaries, and distributors.

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 products and services for the contract described above. You can identify these statements by the 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 Company's markets, effects of continued geopolitical 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 Company's products, shortages in components, production delays due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions and divestitures or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, changes to export regulations, increases in tax rates, changes to generally accepted accounting principles, difficulties in retaining key employees and customers, unanticipated costs under fixed-price service and system integration engagements, and various other factors beyond our control. These risks and uncertainties also include such additional risk factors as are discussed in the Company's filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2011. 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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