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Flying Server Goes Airborne With Mercury Systems

Powerful Embedded Computing Solution is Helping Bring Defense Industry Closer to Making the "Tactical Cloud" a Reality for the Warfighter

CHELMSFORD, Mass., October 3, 2013 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (Nasdaq:MRCY) (www.mrcy.com), a best-of-breed provider of commercially developed, open sensor and Big Data processing systems for critical commercial, defense and intelligence applications, announced the deployment of the most powerful OpenVPX™-based sensor processing subsystem ever developed for an airborne intelligence, surveillance and reconnaissance (ISR) application.

Based on the OpenVPX open architecture standard, the subsystem can process and exploit huge amounts of sensor data in real-time, store it onboard for retrieval and forensic analysis and send imagery to ground stations or hand-held devices. This massive real-time compute capability is achieved through the skillful integration of Intel® Xeon® server-class processors, general purpose graphical processing units (GPGPUs) and ruggedized solid state disk storage arrays, effectively providing a unique, open commodity-class server capability for SWaP-constrained airborne environments.

"Decision making requires information, and if you have to wait for it to be stored and analyzed on the ground, the time lost can be the difference between mission success and failure," said Ian Dunn, Vice President and General Manager of Mercury's Embedded Multicomputing Group. "Onboard processing and actionable intelligence dissemination are the logical and critical next steps in airborne ISR development, but deployment is slowed by the processing power available and the exponential growth of the data being collected. Our ability to deploy this subsystem — effectively a data center 'server in the sky' — onto airborne pods and platforms is another example of Mercury's continued leadership in OpenVPX, and our ability to leverage open architecture to meet the right mix of performance, time-to-market and affordability constraints. We believe these capabilities have truly opened up new horizons in airborne sensor processing for our customers."

Board-level fabrication and cooling technologies, unique to Mercury, enable deployment of rugged, server-class compute power within harsh airborne environments. Theater-proven, these technologies deliver 1-inch pitch OpenVPX modules that are efficiently cooled for full-throttle processing, neatly addressing the onboard sensor processing challenge. Coupled with software tools for managing the convergence of data processing and information exploitation, these advances are uniquely delivering commodity-class finally enabling the Defense industry to realize its goal of making the "tactical cloud" a reality for the warfighter.

For information, visit www.mrcy.com or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems — Innovation That Matters™

Mercury Systems (Nasdaq:MRCY) is a best-of-breed provider of commercially developed, open sensor and Big Data processing systems, software and services for critical commercial, defense and intelligence applications. We deliver innovative solutions, rapid time-to-value and world-class service and support to our prime contractor customers. Mercury Systems has worked on over 300 programs, including Aegis, Patriot, SEWIP, Gorgon Stare and Predator/Reaper. We are based in Chelmsford, Massachusetts. To learn more, visit www.mrcy.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 products and services described herein. You can identify these statements by the use of the words "may," "will," "could," "should," "would," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," "likely," "forecast," "probable," 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, continued funding of defense programs, the timing of such funding, 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, 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

restructurings 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, 2013. 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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