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Mercury Systems' Breakthrough Interconnect Technology Delivers the Fastest Embedded Switch Fabrics

Innovative technology enables fastest OpenVPX processing subsystems for defense and aerospace applications

CHELMSFORD, Mass., Sept. 2, 2014 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (Nasdaq:MRCY) (www.mrcy.com), a leading provider of affordable, commercially developed, open sensor processing systems and services for critical commercial, defense and intelligence applications, announced its Micro Via Radial Interconnect (MVRI) technology. MVRI improves OpenVPX™ switch fabric interconnect data rates by increasing the signal integrity margin approximately three-fold, enabling switch fabrics and point-to-point connections to run faster and more reliably.

"Our research has shown that the payload/backplane interconnect is typically the weakest link in an OpenVPX processing subsystem's signal channel," explained Darryl McKenney, Mercury Systems' Vice President of Engineering Services. "Mercury's new open standards-compliant MVRI technology addresses this bottleneck by ensuring a reliable signaling rate of 14+Gbaud per channel, even across the most complex subsystems. This enables the fastest OpenVPX subsystems to run 40Gb Ethernet and FDR InfiniBand™ protocols at full speed, providing superior signal integrity for our customers' critical sensor processing and mission computing applications."

MVRI technology is scalable, enabling it to support signaling rates greater than 14Gbaud per channel. Planned future fabric implementations, using InfiniBand enhanced data rate (EDR) or 100Gb Ethernet, especially benefit from the performance boost MVRI technology delivers. Intel® Xeon® server-class OpenVPX ecosystems in combination with the latest InfiniBand and Ethernet switch fabrics provide unparalleled embedded processing capability making them ideally suited to the most challenging electronic warfare (EW) and C4ISR processing applications. These applications are characterized by their need for low Size, Weight and Power (SWaP), high deterministic data exchange rates across powerful processing clusters, and include applications as diverse as AESA radars, high resolution wide area motion imagery (WAMI) and sophisticated on-platform sensor data exploitation. MVRI technology will be integral in select Mercury OpenVPX subsystems that begin shipping in Q4, 2014.

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

Mercury Systems - Innovation That Matters™

Mercury Systems (Nasdaq:MRCY) is the better alternative for affordable, commercially developed, open sensor processing systems and services. These capabilities make us the first commercially based defense electronics company built to meet rapidly evolving next generation defense challenges. Mercury Systems has worked on over 300 programs, including Aegis, Patriot, SEWIP, Gorgon Stare and Predator/Reaper. We are based in Chelmsford, Massachusetts with additional advanced manufacturing and other key facilities across the USA. 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 and amounts 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 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, 2014. 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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CONTACT: Robert McGrail, Director of Corporate Communications

Mercury Systems

+1 978-967-1366 / rmcgrail@mrcy.com