![Mercury Systems logo]

April 13, 2015

Next-Generation Secure ATCA Ecosystem Announced by Mercury Systems

Union of Best Commercial and Embedded Processing Technologies Delivers Affordable Cloud Processing for the Tactical Edge With System Integrity

CHELMSFORD, Mass., April 13, 2015 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (Nasdaq:MRCY), a leading high-tech commercial provider of more affordable secure and sensor processing subsystems powering today's critical defense and intelligence applications, announced the next generation of secure AdvancedTCA™ (ATCA) server-class compute modules to complement the Company's innovative Ensemble® portfolio of interoperable building blocks, taking embedded secure cloud processing to the tactical edge.

"Mercury is a pioneer in both the SWaP-focused OpenVPX™ and performance-driven ATCA domains," said Didier Thibaud, President of Mercury's Commercial Electronics business unit. "Expanding upon our extensive ATCA history, our next generation of secure ATCA building blocks is the seamless union of the best ATCA commercial technology and our dense OpenVPX processing and systems integrity technologies. These building blocks are designed and manufactured in the USA, an important criterion in defense electronics where the provenance and integrity of the supply chain are paramount. Further, the security features built into these solutions address our customers' and the DoD's requirements for trusted computing, essential for securing the mission."

Mercury's secure ATCA Ensemble building blocks leverage OpenVPX processing densities and the Company's advanced, fourth generation server-class thermal management technologies for maximum processing capability and reliable operation. Personalized system integrity solutions leveraging Mercury, customer, and third party IP are achieved by utilizing the company's advanced domain expertise across product lines.

The first versions of Mercury's secure ATCA processing building blocks include the Ensemble HDS8613 dual Intel® Xeon® server-class processor blade and the Ensemble SFM8104 40Gb/s Ethernet/InfiniBand switch. The HDS8613 high density server (HDS) blade's dual 12-core processors with Advanced Vector Extensions 2 (AVX2) and full Intel QuickPath Interconnect (QPI) are supported with up to 128GB DDR4-2133 SDRAM to deliver a combined 1.38 TFLOPS of general-purpose processing power. The blade supports multiple system integrity solutions and is equipped with an AMC mezzanine site for the broadest system integration versatility available.

The SFM8104 secure ATCA switch fabric module (SFM) supports either 40Gb/s Ethernet or InfiniBand™ and uses advanced signal routing techniques that enable switch fabric speeds unrestricted by bit error rates. Both the processor blade and switch fabric module are packaged in single-slot, 8U ATCA modules and share ruggedization and cooling enhancements inherited from their OpenVPX pedigree. Mercury's secure ATCA Ensemble portfolio leverages the best commercial technology from the industrial base to support the U.S. Department of Defense's Better Buying Power requirements for modular open system architectures, affordability and exportability.

"Expect to see new building blocks being added to Mercury's secure ATCA ecosystem quickly," said Ian Dunn, Vice President of Mercury Systems' Embedded Products group. "New modules will include innovative capabilities not previously available on ATCA modules, including FPGA and additional mezzanine resources that will redefine mission capabilities, especially in regards to compute-intense sensor processing chain applications in the radar, EW, mission systems and EO/IR domains."

Ensemble ATCA subassemblies that include both processor blades and switch fabric modules are currently shipping from the Company's Chelmsford, Mass. facility. Additional secure ATCA modules are expected to be launched later this year.

For detailed specifications and general product information, visit www.mrcy.com/ATCA 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, secure and sensor processing subsystems designed and made in the USA. Optimized for program and mission success, Mercury's solutions power a wide variety of critical defense and intelligence applications on more than 300 programs such as Aegis, Patriot, SEWIP, F-35 and Gorgon Stare. Headquartered in Chelmsford, Massachusetts, Mercury Systems is a high-tech commercial company purpose-built to meet

rapidly evolving next-generation defense electronics challenges. To learn more, visit www.mrcy.com or follow us on Twitter at @MRCY.

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," "potential," 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, or in the U.S. Government's interpretation of, federal export control or 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, divestitures 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, 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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A photo accompanying this release is available at http://www.globenewswire.com/newsroom/prs/?pkgid=31757.

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Mercury Systems SFM8104 ATCA Switch Fabric Module and HDS8613 ATCA High Density Server