November 9, 2015

Mercury Systems Announces Support for Expanded Intel Xeon Processor D-1500 Product Family

Versatile, Powerful Embedded Server-Class and FPGA Processing Modules to Feature Greater SWaP Performance, Extended Reliability and Ruggedness

CHELMSFORD, Mass., Nov. 09, 2015 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) today announced support for the expanded industrial-grade Intel® Xeon® Processor D-1500 Product Family (formerly code-named Broadwell DE) with new embedded open systems architecture (OSA) form factors and configurations. The new configurations will feature broader processor core count and power options, greater ruggedness and extended reliability, providing even more server-class processing power at the tactical edge. The new Xeon devices are available from the manufacturer for a minimum of seven years, mitigating diminished manufacturing sources (DMS) risk, critical for defense electronics systems viability and supportability.

Mercury's 3U Ensemble® LDS3506 was the embedded industry's first OpenVPX™ processor module with Xeon D-1500 server-class and low-latency FPGA processing capability to be introduced. The FPGA resources support main processor off-loading, private and personalized security and enables the MVRI-optimized switch fabric to be updated, making this compute module exceptionally versatile and capable for a variety of high-performance applications. Micro via radial interconnect (MVRI) technology is OpenVPX-compliant and enables rugged OpenVPX modules to run switch fabrics at 40Gb/s and higher.

"Ensemble Series Xeon D compute modules leverage Mercury's fourth generation of highly SWaP-efficient packaging technology and Intel's Reliability, Availability and Serviceability (RAS) features to deliver the most reliable, processing-dense and versatile cloud capabilities right to the tactical edge," said Ian Dunn, Vice President of Mercury Systems' Embedded Products Group. "With Intel's latest Xeon Processor D-1500 family, a broader selection of power profiles and device core counts, real-time optimization, workload consolidation and our unique on-board FPGA resources can open the door to a host of new possibilities for sensor chain architects," he added.

Mercury's Xeon D-powered Ensemble Series compute engines combine the best available commercial-item FPGA and general processing technologies and are ideal for SWaP-constrained applications, especially those sensitive to performance and latency, including electronic warfare (EW), electro-optical/infrared (EO/IR), image intelligence (IMINT), radar and other mission or sensor processing applications.

"The Intel Xeon Processor D-1500 Product Family with Advanced Vector Extensions 2 (AVX2), system-on-chip (SoC) architecture and integrated Platform Controller Hub Technology delivers full server-class capability," said Samuel Cravatta, product line director, Internet of Things Group, Intel. "New industrial-grade devices with broader power profiles and core count options, when appropriately packaged, take cloud capabilities to the tactical edge with more options than ever."

Customer demonstrations of 3U Ensemble Xeon Processor D-1500 family modules are currently underway, with production units becoming available before the end of the year in air-cooled, conduction-cooled, and Air Flow-By™ designs. Additional configurations, including 6U OpenVPX form factors, are expected to be announced by Mercury in the near future. All Ensemble sensor processing chain building blocks are designed and made in America and support open data movement middleware, including Open MPI and OpenMPI/OFED™, VITA 46.11 system management and standard optimized math libraries.

For detailed specifications and general product information, visit www.mrcy.com/LDS3506 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.

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 or unanticipated expenses 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, 2015. 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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