Mercury Systems Quadruples Embedded Server System Memory for Artificial Intelligence And Next-Generation Battle Management

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Largest, most secure portfolio of rugged processing solutions for powering toughest C2I processing requirements

ANDOVER, Mass., June 12, 2018 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) (www.mrcy.com) today announced the expansion of their secure command, control and intelligence (C2I) and artificial intelligence (AI) processing solutions with configurations that feature up to four times as much system memory as previous generations. Modern defense systems are using UAVs and other smart platforms to gather increasing amounts of ISR data. Processing can now be performed on-platform, at the tactical edge to form real-time battlespace situational awareness interfaces that are powered by evolved artificial intelligence and machine learning algorithms.

Mercury's EnterpriseSeries™ HDS9624 secure rack servers with BuiltSECURE technologies address the need for affordable servers with system security features.

Mercury's rugged, pre-engineered processing building blocks are available as 3U and 6U OpenVPX ™ and AdvancedTCA® EnsembleSeries ™ processing blades and rugged EnterpriseSeries ™ rackmount ATX servers. These processing nodes feature the unrestricted performance of the latest Intel® and NVIDIA® processing devices to deliver powerful, embedded on-platform processing capability. For system-wide integrity and deployment in the harshest environments, each processing solution may include proven BuiltSECURE ™ and modified off-the-shelf (MOTS) technologies.

Data center processing power, supported with the most memory and storage within the embedded industry, system-wide security and robust environmental protection make Mercury's processing solutions ideal for C2I and AI applications. Mercury's HDS6603 is the first OpenVPX module in the industry with the capacity to deliver 256GB of memory and Xeon® E5 server class processors, and to be deployed in theater today.

"Our customers have an insatiable appetite for processing nodes with large core counts and massive shared memory required for C2I and AI processing applications which characteristically require about six times as much memory as a regular data center server and twice the storage," said Joe Plunkett, Senior Director and General Manager for Mercury's Sensor Processing solutions group. "Mercury is uniquely able to embed the most powerful CPUs and GPGPUs and equip them with the vast memory resources they need. We build in a holistic security framework and package them into low-SWaP standard processing form-factors, to deliver processing solutions for deployment anywhere."

Mercury's EnsembleSeries and EnterpriseSeries C2I/AI processing solutions are composed from the industry's most contemporary portfolio of interoperable building blocks and include the HDS6603 and LDS6527 TRL9 processing blades as well as the HDS9624 server. All are designed, manufactured and coded in the USA within DMEA certified facilities using devices from a DMSMS managed supply chain.

EnsembleSeries HDS6603 6U, Rugged Xeon-SP Powered OpenVPX Processing Blade

- Embedded BuiltSECURE systems security engineering
- MOTS options for extreme environmental protection
- Dual Intel Xeon-E5 processors with AVX2 and QPI
- Up to 256 GB DDR4 SDRAM
- 40/10 GigE or DDR/FDR10 InfiniBand switched fabrics

EnsembleSeries LDS6527 6U, Rugged Xeon-D Powered OpenVPX Processing Blade

- Embedded BuiltSECURE systems security engineering
- MOTS options for extreme environmental protection
- Intel Xeon D family SoC processor with AVX2
- Up to 64GB DDR4 SDRAM
- One XMC and one XMC/PMC mezzanine sites

- 40/10 GigE or DDR/FDR10 InfiniBand switched fabrics
- Integrated Gen3 PCIe switching infrastructure

EnterpriseSeries HDS9624 Secure Rackmount Extended-ATX Server

- Embedded BuiltSECURE systems security engineering
- Dual Intel Xeon-E5 processors with AVX2 and QPI
- Up to 256GB DDR4 SDRAM
- 40/10 GigE or DDR/FDR10 InfiniBand switched fabrics

Mercury's C2I/AI processing subsystems are available for pre-integration as 3U and 6U OpenVPX, AdvancedTCA and secure rack mount (ATX) solutions. For more information on Mercury's BuiltSECURE family of products, visit www.mrcy.com/C2I or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems – Innovation That Matters ™

Mercury Systems (NASDAQ:MRCY) is a leading commercial provider of secure sensor and safety-critical processing subsystems. Optimized for customer and mission success, Mercury's solutions power a wide variety of critical defense and intelligence programs. Headquartered in Andover, Mass., Mercury is pioneering a next-generation defense electronics business model specifically designed to meet the industry's current and emerging technology needs. 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 fiscal 2018 business performance and beyond and the Company's plans for growth and improvement in profitability and cash flow. 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 any U.S. Federal government shutdown or extended continuing resolution, 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 and restructurings, or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, changes to cyber-security regulations and requirements, changes in tax rates or tax regulations, 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, 2017. 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.

Contact:
Robert McGrail, Director of Corporate Communications
Mercury Systems, Inc.
+1 978-967-1366 / rmcgrail@mrcy.com

A photo accompanying this announcement is available at http://www.globenewswire.com/NewsRoom/AttachmentNg/5461d7c6-1f69-4ac1-991b-c69ffe3c73a2

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