January 13, 2016

Mercury Systems Unveils Liquid Flow-By™, the Most Efficient Embedded Cooling Technology Available

Liquid Flow-By Surpasses All Other Open Systems Architecture Thermal Management Technologies to Deliver Unmatched Non-Drip Cooling, Reliability and SWaP Performance

CHELMSFORD, Mass., Jan. 13, 2016 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY), today unveiled the Company's fluid management Liquid Flow-By™ cooling technology for embedded processing subsystems. With the ability to cool the most powerful and processing-dense devices available, Liquid Flow-By enables open system architecture (OSA) modules to operate unrestricted and reliably, regardless of the presence of a cooling air supply.

"On-platform data exploitation is critical for ISR, radar and other complex sensor processing applications," said Ian Dunn, Vice President of Mercury Systems' Embedded Products Group. "Adaptive and capable processing is pivotal and requires new technologies that enable the best commercial processing IP to be leveraged, giving our warfighters the decisive edge. Liquid Flow-By is just such a technology, enabling the most powerful processing resources, including Intel® Xeon® server-class processors, to be securely packaged and cooled for full-throttle use on ground-based or airborne platforms, whether there is cooling air available or not. Liquid Flow-By is "flying" today and gives sensor processing subsystem developers the toolbox to add more on-platform capability than ever before."

Liquid Flow-By seamlessly integrates liquid cooling capability into Mercury Systems' Air Flow-By™ technology, the embedded industry's most efficient air cooling management solution, which removes approximately 50% more heat than other air-cooled approaches. Both Air and Liquid Flow-By have a technology readiness level of nine (TRL-9), uniquely deliver double-sided cooling and are compliant to the rugged OpenVPX™ and AdvancedTCA® OSAs for seamless technology insertions. The cooling liquid may be the platform's own fuel supply which enters each module through non-drip, quick disconnects to complement or take over the native air cooling capability of each module. Proven non-drip technology makes each module and supporting chassis a self-sealing entity, which is critical for liquid cooled subsystems - especially when the coolant is fuel. In the absence of cooling air, the coolant takes over completely.

Air and Liquid Flow-By technologies remove more heat than other cooling solutions, enabling the densest processing resources to run at full speed, while increasing MTBF by lowering the operating temperature of each processing device. SWaP is reduced through increased processing density, reducing the number of modules required and removing the subsystem's filtration infrastructure. Each Air and Liquid Flow-By module is environmentally sealed, making them robust field replacement units (FRUs) that require no cooling filtration.

Mercury's OSA-compliant Ensemble® sensor chain building blocks enable complex processing subsystems to be quickly configured and are available as Air or Liquid Flow-By packages, or with conventional air and conduction-cooled options.

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