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## Mercury Computer Systems Announces Broad Range of Products Compliant With New V1.0 OpenVPX Specification

### Founder of Open VPX Working Group First to Deliver New Products with Improved Flexibility and Scalability for Wide Range of Applications

CHELMSFORD, Mass., Oct. 19 /PRNewswire-FirstCall/ -- Mercury Computer Systems, Inc., (Nasdaq: MRCY), a leading provider of embedded, high-performance computing systems and software for image, sensor, and signal processing applications, and the founder of the OpenVPX™ Industry Working Group, an alliance of 28 leading-edge defense prime contractors and embedded computing systems suppliers, today announced availability of a broad range of OpenVPX products, which are designed to be compliant with the new V1.0 OpenVPX and draft VITA 65 Specifications.

The OpenVPX System Specification mandates interoperability at both system and board levels to reduce customization, cost, and risk. It is a clear response to the recent edict stated by a wide range of government officials and agencies that promotes performance migration towards open solutions, and away from proprietary, closed architectures. Mercury's response to this mandate was to initiate an industry working group to develop specifications to meet the new federal demands. In support of these new specifications, the company is today introducing the Ensemble 3000 Series 3UOpenVPX and Ensemble 6000 Series 6UOpenVPX product lines, which deliver rugged solutions for high-density, high-performance computing, suitable for use in radar, EO/IR, and electronic warfare applications on ship-borne, ground-based, and both manned and unmanned airborne platforms. Mercury's innovative multi-plane architecture can support these sensor-based applications with advanced networking and embedded smart-processing capabilities, while adhering to the new OpenVPX System Specification.

With a rich set of fully compatible modules that can be scaled and combined in a variety of configurations, Ensemble 6000 6UOpenVPX solutions feature many board types, including single-board computers (SBCs), switch and I/O modules, and high-compute density (HCD) boards. Similarly, the Ensemble 3000 Series 3UOpenVPX systems combine flexible, high-performance architecture with scaleable processing capabilities. Ensemble 3000 systems are constructed from various types and quantities of boards, including compute node modules, processing modules, system controller hubs, data plane switch modules, and carrier modules.

Both the Ensemble 6000 and the Ensemble 3000 product families feature extensive system flexibility, including multi-plane architecture to isolate control functions from data movement, and application partitioning across multiple types of processors. Finally, a common software environment exists between the two product lines, providing software investment protection and easy application portability.

Complying with VITA 46 and 48 standards, all of Mercury's OpenVPX products are fully capable of deployment in harsh environments, including extreme ranges of temperature and humidity, high levels of shock and vibration, and poor air quality. All modules are compatible with OpenVPX system architecture design principles, and are available in air-cooled, conduction-cooled, and spray-cooled formats.

"The extensive Ensemble 3000 and 6000 families of 3U and 6U OpenVPX-compliant products underline Mercury's commitment to the OpenVPX standard," stated Scott Brazina, vice president and chief marketing officer for Mercury Computer Systems. "Combining interoperability, ruggedness, and performance accelerates our customers' time-to-market and ensures robust deployment."

For more information, please visit [www.mc.com/openvpx](http://www.mc.com/openvpx).

*Mercury Computer Systems, Inc.*

Mercury Computer Systems ([www.mc.com](http://www.mc.com), NASDAQ: MRCY) provides embedded computing systems and software that combine image, signal, and sensor processing with information management for data-intensive applications. With deep expertise in optimizing algorithms and software and in leveraging industry-standard technologies, we work closely with customers to architect comprehensive, purpose-built solutions that capture, process, and present data for defense electronics, semiconductor equipment manufacturing, commercial computing, homeland security, and other computationally challenging markets. Our dedication to performance excellence and collaborative innovation continues a 25-year history in enabling customers to gain the competitive advantage they need to stay at the forefront of the markets they serve.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales

offices, subsidiaries, and distributors.

*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 OpenVPX Industry Working Group, Ensemble 3000 Series products, and Ensemble 6000 Series products. You can identify these statements by our use of the words "may," "will," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," 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, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of continued geo-political 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, continued funding of defense programs, the timing of such funding, 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 or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, and difficulties in retaining key customers. These risks and uncertainties also include such additional risk factors as are discussed in the Company's recent filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2009. 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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