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## Mercury Computer Systems Upgrades the RACE++ Series Product Line

### Upgrades meet continuous demand for RACE++ Series solutions with new, rugged versions and up to 50 percent increase in processor performance Easy, low-cost migration path protects application investment and extends product life cycle

CHELMSFORD, Mass., Dec. 8 /PRNewswire-FirstCall/ -- Mercury Computer Systems, Inc. (NASDAQ: MRCY), a leading provider of embedded, high-performance computing solutions for image, sensor, and signal processing applications, announced availability of upgrades to the RACE++® Series PowerPC® 7448 Multicomputer.

Mercury continues to enhance the award-winning RACE++ Series product line with the latest processor and memory technologies, extending the product life cycle well into the future. The RACE++ Series PowerPC Multicomputer upgrades offer faster clock speeds and larger memory options, resulting in accelerated application performance of up to 30 to 50 percent over previous RACE++ Series products. Mercury also now offers the RACE++ Series PowerPC 7448 Multicomputer for use in rugged air-cooled and conduction-cooled environments such as those found in manned aircraft and unmanned aerial vehicles (UAVs). By maintaining commonality with previous RACE++ Series PowerPC products, Mercury provides customers with an easy, low-cost migration path without the need for software application changes.

"We have many customers upgrading their existing radar and SIGINT (signals intelligence) systems with new modes of operation and functionality," said Steve Patterson, Vice President, Product Line Management at Mercury Computer Systems. "Mercury's RACE++ Series upgrades provide performance migration, allowing customers to offer their end users new capabilities for deployed systems with a minimal investment."

With current economic pressures, the life cycle of electronic subsystems in many defense programs are being extended to reduce cost. Customers are finding that deployed radar and SIGINT systems on manned aircraft or UAVs cost millions of dollars to validate and certify. With the RACE++ Series PowerPC 7448 Multicomputer, customers report a 30 to 50 percent increase in application performance without an increase in overall system power. Moreover, they now have an easy upgrade path which can also minimize the re-certification cost. Mercury continually provides investment protection and ensures future performance and software migration for its worldwide base of RACE++ Series customers. For example, the new OpenVPX™ product line offers software compatibility with the RACE++ Series product line while leveraging open standards.

In addition to the upgraded RACE++ Series products, Mercury offers solutions for high-end floating-point digital signal processing in all the major form factors, including VME, VXS, 3U OpenVPX, 6U OpenVPX, AdvancedTCA, and MicroTCA. For more information on the Mercury RACE++ Series PowerPC 7448 Multicomputer, visit [www.mc.com/ppc7448](http://www.mc.com/ppc7448), contact Mercury at (866) 627-6951, or e-mail your request to [info@mc.com](mailto:info@mc.com).

*Mercury Computer Systems, Inc. - Where Challenges Drive Innovation™*

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 commercial 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 RACE++ Series PowerPC 7448 Multicomputer. 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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