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Mercury Computer Systems Tackles Processing, Exploitation, and Dissemination Challenge with Powerful GPU-Based Rugged Solution

Company currently shipping industry's highest performance OpenVPX, dual-GPU, conduction-cooled subsystem

CHELMSFORD, Mass., Jun 02, 2010 (BUSINESS WIRE) --Mercury Computer Systems, Inc. (NASDAQ: MRCY), a trusted ISR subsystems provider, announced shipment of the industry's highest performance 6U OpenVPX™, dual GPU-based conduction-cooled subsystem. This subsystem is currently deployed in an embedded rugged defense surveillance platform, performing processing, exploitation, and dissemination (PED).

One of the toughest challenges is to improve the warfighters' situational awareness through timely and precise delivery of actionable information by improved PED capabilities. Mercury's ISR subsystems are uniquely designed to provide these Embedded Smart Processing™ capabilities, enabling sensors to be smarter, able to accept unrelenting streams of data, and extract and deliver situational awareness and other crucial information to warfighters, empowering them to decide and react.

Mercury's scalable ISR subsystem is powered by the Ensemble™ 6000 Series GSC6200 - an OpenVPX module powered by GPU technology working in conjunction with Intel-based processing in a conduction-cooled, 6U form factor. The subsystem currently delivers performance in the TeraFLOPS range, and the incorporation of GPUs enables the solution to be delivered in an optimized size, weight, and power (SWaP) footprint. Mercury's innovative packaging technology on the GSC6200 leverages the easy-to-upgrade MxM GPU form factor, which enables customers to rapidly upgrade and deploy the latest and fastest GPUs from ATI or NVIDIA, resulting in even higher performance.

"Our services and systems integration expertise allows us to offer our latest technology in a subsystem solution. This allows our customers to reduce their development risk while enabling concurrent engineering, ultimately leading to increased product velocity. Also, our approach of using standards-based, open APIs results in a subsystem which is open, a key requirement of our customers and as well as the U.S. Department of Defense," said Steve Patterson, Vice President of Defense Product Line Management at Mercury Computer Systems, Inc.

"Mercury's new OpenVPX GSC6200 module leverages the best available technologies while providing a clear migration path for customers to implement emerging GPUs from either ATI or NVIDIA in the future. This enables our customers to offer best of breed solutions for the industry's most demanding high-end signal and image processing applications," Mr. Patterson added.

In addition to the GSC6200, other critical modules and services enabled the successful production of this subsystem. Mercury's Services and Systems Integration team combined a multi-vendor hardware and software approach with their expert integration services to create the subsystem. The GSC6200 is providing industry-leading processing and exploitation capabilities to enable substantial SWaP improvements and parallel stream computing capabilities.

For more information and availability on the Ensemble 6000 Series GSC6200, visit www.mc.com/gpgpu, or contact Mercury at (866) 627-6951 or info@mc.com.

Mercury Computer Systems, Inc. - Where Challenges Drive Innovation®

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) is a best of breed provider of open, application-ready multi-INT subsystems for the ISR market. With 25+ years' experience in embedded computing, superior domain expertise in radar, EW, EO/IR, C4I, and sonar applications, and more than 300 successful program deployments including Aegis, Global Hawk, and Predator, Mercury's Services and Systems Integration team leads the industry in partnering with customers to design and integrate system-level solutions that minimize program risk, maximize application portability, and accelerate customers' time to market.

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 Ensemble 6000 Series GSC6200 product described herein. 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 divestitures 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.

SOURCE: Mercury Computer Systems, Inc.

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