



February 17, 2011

Mercury Computer Systems Provides Integrated ATCA Subsystems In Support Of Cutting-Edge South Korean 4G Telecommunications System

New wireless communications systems transmits data 40 times faster than the 3G wireless networks

CHELMSFORD, Mass., Feb 17, 2011 (BUSINESS WIRE) --

Mercury Computer Systems Inc., (NASDAQ: MRCY, www.mc.com), a trusted ISR subsystems provider, announced it provided powerful subsystems for the world's first operational Long Term Evolution-Advanced (LTE-A) system demonstrated outside lab conditions. The fourth-generation (4G) mobile telecommunications system, developed by South Korea's Electronics and Telecommunications Research Institute (ETRI), can transmit data 40 times faster than the current 3G wireless network and 6 times faster than the 3.9G LTE systems currently being deployed. The new LTE-A system uses a low-latency processing subsystem that combines multiple types of elements, leveraging Mercury's unique capability as a provider of integrated data plane platforms. The subsystem is based on Mercury's flexible, open standard Ensemble[™] AdvancedTCA[®] Application Platform.

"It was exciting to support ETRI in its impressive achievement of successfully demonstrating a market-leading 4G solution," said Ken Kimura, Director, Asia-Pacific region, Mercury Computer Systems. "Our engineers worked closely with ETRI engineers to architect and integrate an optimized solution that met the extremely demanding LTE-A processing requirements. The final result is a testament to effective cooperation."

South Korea's Ministry of Knowledge Economy said that the new system from ETRI allows users to view high-definition, three-dimensional TV images while in a car moving 40 kilometers per hour and to transmit 600 megabits of data per second (Mbps), which enables a regular 700 megabyte CD to be downloaded in 9.3 seconds.

This class of performance is enabled by Mercury's ATCA subsystems, which provide high density, multi-core processing power and next generation serial RapidIO[®], allowing systems to perform complex calculations and deliver deterministic, low-latency responses and exceptional Quality of Service capabilities. The broad technology content in Mercury's subsystems, including numerous DSPs, FPGAs, and QorIQ and control processors, coupled with integrated configuration and management tools, is ideally suited for developing and deploying leading-edge communications applications.

Mercury's Ensemble AdvancedTCA Application Platform is a standards-based solution built around the power, functionality, and scalability of serial RapidIO, AdvancedMC[™] (AMC), and AdvancedTCA (ATCA). The platform supports a variety of I/O sources and heterogeneous processing endpoints, thereby reducing integration costs, improving efficiency, and minimizing risks in design of next-generation applications.

"Mercury looks forward to supporting ETRI and other South Korean entities in this on-going effort to develop and deploy commercial LTE-Advanced wireless communications," Mr. Kimura added. Building on ETRI's system solution, South Korea can anticipate being an early adopter of LTE-A, with local commercial service beginning as early as 2015.

For more information on Mercury's subsystem solutions, visit www.mc.com, 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 products and services provided to ETRI for the contract described above. You can identify these statements by the 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 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, 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 and divestitures 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, 2010. 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.

Challenges Drive Innovation is a registered trademark and Ensemble is a trademark of Mercury Computer Systems, Inc. AdvancedTCA and ATCA are registered trademarks and Advanced MC is a trademark of the PCI Industrial Computer Manufacturers Group (PICMG). RapidIO is a registered trademark of the RapidIO Trade Association. Other product and company names mentioned may be trademarks and/or registered trademarks of their respective holders.

SOURCE: Mercury Computer Systems, Inc.

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