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Mercury Computer Systems Delivers Computing to Artiza Networks for Next-Generation Wireless Test Equipment

The high-performance Ensemble 8000 Series RapidIO-enabled system provides real-time processing for telecommunications innovation

CHELMSFORD, Mass., Oct. 28 /PRNewswire-FirstCall/ -- Mercury Computer Systems, Inc. (NASDAQ: MRCY), a leading provider of high-performance, embedded computing solutions for image, sensor, and signal processing applications, announced initial shipments of its Ensemble™ 8000 Series AdvancedTCA (ATCA) system to Artiza Networks, supporting Artiza's market-leading, next-generation test equipment for wireless applications. The Ensemble 8000 Series platform meets the rigorous performance requirements of this application due to the combination of DSP, FPGA, and control plane processing coupled to the RapidIO® deterministic switch fabric.

"The new test equipment from Artiza is a high-capability production test system," said Ian Shearer, Director of Business Development at Mercury Computer Systems. "Our ability to provide the full set of processing resources Artiza needs as a part of an integrated platform allowed it to achieve ambitious time-to-market objectives and demonstrate a fully functional solution ahead of its competitors."

Robust system configurations can be built using Mercury's Ensemble 8000 Series ATCA or Ensemble 2000 Series MicroTCA Application Platforms, with systems scaling from two to one hundred or more AMC-based processing elements. These systems all support high-bandwidth backplane data movement with the RapidIO switch fabric. Application developers can use the platforms to combine extreme processing density, with low-latency, deterministic communications.

Ensemble 8000 Series systems are available now. For information on Mercury's comprehensive line of ATCA products, visit www.mc.com/atca, or contact Mercury at (866) 627-6951 or info@mc.com.

About Artiza Networks

Artiza Networks represents the cutting edge of telecommunications technology, developing products that examine and verify communication protocols of new infrastructure components. Advanced testing systems from Artiza allow telecom device manufacturers to bring new generations of equipment to market quickly and reliably.

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

Mercury Computer Systems (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 Ensemble Series products and the shipments of those products to Artiza Networks. 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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