Mercury Systems and TTTech to Provide Leading UAV Manufacturer with Safety-Certifiable Next-Generation Flight Computers and Network

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Interoperable open system processing building blocks aid rapid deployment of mission-critical processing systems with low program and technology risk

ANDOVER, Mass., March 21, 2019 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, www.mrcy.com) and TTTech (www.tttech.com) announced today that they are teaming to supply next-generation mission-critical flight computers to a leading international aerospace and unmanned aerial vehicle (UAV) manufacturer. The flight computers require a Design Assurance Level of A (DAL-A), the highest level of flight-safety certification for platform missions within civilian airspace.

Mercury's BuiltSAFE ™ configurable, flight-safety certifiable ecosystem includes mezzanine sites for design maneuverability and multiple OpenVPX compute zones enabling processing solutions with different levels of safety certification to converge into a single subsystem. TTTech's highly integrated flight-safety-certifiable deterministic Ethernet TTE-End System is packaged as an open systems compliant PMC mezzanine for ease of integration. Both Mercury's and TTTech's certifiable building blocks have Future Airborne Capability Environment (FACE) compliance.

Mercury processing solutions with BuiltSAFE ™ capabilities bring the highest level of flight-safety assurance to aerospace and defense applications. The proven, reusable DAL-certified artifacts for mission computing, avionics, networking and datalink communications processing save time and cost while decreasing risk.

"Mercury's and TTTech's combined flight-safety-certifiable processing solutions enabled us to create exceptional value for our customer by solving more of their engineering and flight certification challenges," said Ike Song, Mercury's Vice President and General Manager for Mercury Mission Systems. "By leveraging open system architectures, our customer was able to access a more sophisticated and comprehensive mission-critical processing solution with lower program and technical risk."

TTTech's TTE-End System A664 Pro board delivers deterministic Ethernet and uniquely integrates IEEE 802.3 Ethernet, rate-constrained ARINC 664 p7 and time-triggered SAE AS6802 into one physical infrastructure. The TTE-End System is certifiable to civil aerospace standards including RTCA DO-254/DO-178C DAL A and DO-160G.

"Mercury's and TTTech's open systems, top-down approach to building in flight-safety compatibility enabled our customer's schedule and development budget to shrink," said Christian Fidi, TTTech's Director Product Management, Sales and Marketing. "All the processing and networking capabilities required for this comprehensive, mission-critical processing solution was quickly architected using pre-engineered, open systems building blocks and is wholly ready for flight-safety certification."

Mercury's and TTTech's flight-safety experts have extensive European Aviation Safety Agency (EASA) and Federal Aviation Administration (FAA) experience enabling them to produce advanced mission-critical processing solutions, requiring the highest levels of flight certification quickly, in a low-risk environment.

For more information, visit mrcy.com/missioncomputing or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems – Innovation That Matters®
Mercury Systems is a leading commercial provider of secure sensor and safety-critical processing subsystems. Optimized for customer and mission success, Mercury's solutions power a wide variety of critical defense and intelligence programs. Headquartered in Andover, Mass., Mercury is pioneering a next-generation defense electronics business model specifically designed to meet the industry's current and emerging technology needs. To learn more, visit www.mrcy.com and follow us on Twitter.

About TTTech Group
The TTTech Group comprises the globally oriented high-tech companies TTTech Computertechnik AG, TTTech Auto AG and TTControl GmbH. The companies offer products and services based on highly innovative software technology combined with a deep understanding of digital transformation in key verticals. With real-time networking platforms and safety controls, TTTech solutions improve the safety and reliability of electronic systems in the industrial and transportation sectors.

The TTTech Group portfolio helps to make automated driving and the Internet of Things a reality. TTTech Group builds on 20 years' technology leadership with extensive experience in collaborating with market leaders. TTTech is the innovator of Deterministic Ethernet and a driving force behind the IEEE TSN standard and SAE Time-Triggered Ethernet standard.

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 fiscal 2019 business performance and beyond and the Company's plans for growth and improvement in profitability and cash flow. You can identify these statements by the use of the words "may," "will," "could," "should," "would," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," "likely," "forecast," "probable," "potential," 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, continued funding of defense programs, the timing and amounts of such funding, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of any U.S. Federal government shutdown or extended continuing resolution, 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, changes in, or in the U.S. Government's interpretation of, federal export contractor procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays or unanticipated expenses due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions and restructurings or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, increases in interest rates, changes to cyber-security regulations and requirements, changes in tax rates or tax regulations, 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, 2018. 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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