



## Radiation-tolerant solid-state data recorder dramatically transforms on-orbit data processing and storage

June 3, 2021

**Flexible, compact solution is highest-density commercial SSSDR available for applications at the forefront of space technology**

ANDOVER, Mass., June 03, 2021 (GLOBE NEWSWIRE) -- Mercury Systems Inc. (NASDAQ: MRCY, [www.mrcy.com](http://www.mrcy.com)), a leader in trusted, secure mission-critical technologies for aerospace and defense, today unveiled the new RH3480 radiation-tolerant solid-state data recorder (SSDR), the highest-density commercial SSSDR available today. Designed in a compact, rugged and standards-based flexible form factor, the RH3480 is ideal for radiation-intensive space and terrestrial applications, including low-earth orbit (LEO) satellites, high-altitude aircraft, missiles, launch vehicles and scientific missions.

"As data from satellites advances in complexity and the sizes of satellite designs become smaller and smaller, we need trusted, compact solutions to store and transmit large amounts of data quickly and efficiently," said Tom Smelker, vice president and general manager, Mercury Data. "Our new line of solid-state data recorders, purpose-built to answer the demand for agile, radiation-tolerant storage devices rugged enough for space applications, represent Mercury's commitment to delivering the technologies of tomorrow today for critical missions on Earth and beyond."

Featuring horizontal error correction, industrial-grade flash memory and a fault-tolerant design, the RH3480 provides long-term data integrity to match the operational life of a satellite or life of a mission. Mercury's latest modular form factor is significantly smaller than typical SSSDRs and supports a higher data capacity, providing users with ease of integration and flexibility in their applications. The RH3480's proven reliability in radiation-intensive environments and low power consumption enables on-orbit sensor digital data processing and storage to transfer significantly more data in less time, enabling real-time decision-making.

Mercury is a leader in designing and manufacturing space-qualified components and assemblies for defense primes, government agencies, the scientific community and commercial customers. The company has delivered more than 20,000 space-qualified devices with no in-flight failures. Its custom microelectronics solutions are radiation-tolerant and optimized to operate in the harsh environment of space on more than 65 satellite and launch vehicle programs, including every Mars Rover expedition and the recently [announced](#) NASA earth imaging spectrometer instrument.

Mercury envisions, creates and delivers innovative technology solutions purpose-built to meet its customers most pressing high-tech needs. For additional information or purchase inquiries, visit the [solid-state data recorder product page](#) or contact Mercury at (866) 627-6951 or [info@mrcy.com](mailto:info@mrcy.com).

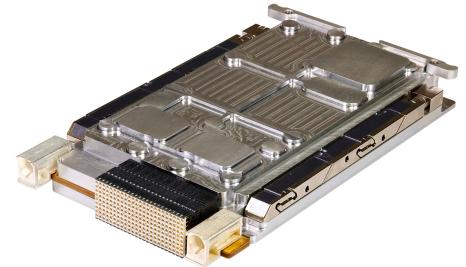
### Mercury Systems – Innovation That Matters®

Mercury Systems is a global commercial technology company serving the aerospace and defense industry. Headquartered in Andover, Mass., the company delivers trusted, secure open architecture processing solutions powering a broad range of mission-critical applications in the most challenging and demanding environments. Inspired by its purpose of delivering Innovation that Matters, By and For People Who Matter, Mercury helps make the world a safer, more secure place for all. To learn more, visit [mrcy.com](http://mrcy.com), or follow us on [Twitter](#).

### 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 described herein and to fiscal 2021 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 epidemics and pandemics such as COVID, 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 control or 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 industrial security and cyber-security regulations and requirements, changes in tax rates or tax regulations, changes to interest rate swaps or other cash flow hedging arrangements, 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 July 3, 2020. 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.

**Mercury Systems' RH3480 Solid-State Data Recorder**



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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/fc6d9d46-01ee-4473-a4a1-cf114ca1ae65>