

Eclipses Introduces Revolutionary End-to-End Data Protection for Resource-Constrained IoT Devices

MTE® Nano will benefit customers in the IoT landscape by reducing RAM usage and library size.

UNITED STATES, May 18, 2023
/EINPresswire.com/ -- [Eclipses](#) introduced [MTE Nano](#), a new toolkit focused on securing resource-constrained IoT devices with quantum-resistant security while reducing RAM usage and library size.

The new toolkit enables even the smallest and most resource-constrained IoT devices to have the same level of endpoint data security as larger systems, creating true and consistent security across all devices.

Microcontrollers play a vital role in numerous industries, but their susceptibility to cyber-attacks is a major concern due to their limited resources.

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We are confident that our MTE technology will set a new standard for IoT security and ensure the protection of your most critical asset – your data.”

Bryan Champagne, CEO of Eclipses

Cybercriminals exploit these vulnerabilities to breach networks and access sensitive information. Fortunately, MTE Nano's innovative technology addresses these challenges. By optimizing the solution for resource-constrained devices, MTE Nano has reduced RAM usage by over 90% and library size by over 50%, ensuring the security and reliability of the most limited IoT devices.

"Eclipses is proud to introduce the MTE Nano toolkit, as we believe it will greatly benefit customers in the IoT space.

Security is a critical component of the IoT landscape, and our solution addresses the challenges faced by resource-constrained devices," said [Bryan Champagne](#), Chief Executive Officer of Eclipses. "We are confident that our MTE technology will set a new standard for IoT security and



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The use of resource-constrained IoT devices is growing exponentially, and security has become a top concern for IoT device manufacturers and users. With these kinds of devices being utilized to maintain critical infrastructure systems and provide personal data and home security, the risk of leaving these devices vulnerable is high. The need for security solutions that are optimized for these devices has never been greater.

Eclipses MTE Nano is set to revolutionize the IoT security industry, offering an optimal solution for securing resource-constrained IoT devices. For more information on Eclipses and its solutions, please visit www.eclipses.com.

About Eclipses

Eclipses sets the new standard for protecting sensitive data while in transit. Their disruptive technology, MTE® (MicroToken Exchange®), offers a transformative cyber security solution to replace actual data with instantly obsolete, meaningless random streams of values. Eclipses developed the MTE technology to be the most innovative and disruptive security solution for protecting data communication for web and mobile applications, IoT devices, and Kafka data streams. Eclipses MTE technology has been conformance tested for Federal Information Processing Standard 140-3 (FIPS 140-3) by an independent, NIST-accredited laboratory. In 2022, Eclipses won Best Cybersecurity Solution in the FTF News Technology Innovations Awards. For more information, please visit www.eclipses.com.

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