Lockheed Martin And Guardtime Federal Join Forces To Thwart Software Cyber Threats

FORT WORTH, Texas, Feb. 20, 2020 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) and Guardtime Federal are working together to mitigate cyber threats across Lockheed Martin Aeronautics' software supply chain by integrating immutable digital integrity into architecture supporting research, design, development, manufacturing, integration and sustainment of its advanced products and services.

Through the long-term agreement, the team envisions integrating the aerospace community's first mathematically verifiable end-to-end integrity check from the external software supply chain, through the development process and all the way to verification on delivered military systems. This digital transformation initiative will mitigate cyber threats across the software supply chain using KSI® blockchain signatures.

"Lockheed Martin is committed to continuous Agile development of secure software," said Ron Bessire, vice president, Lockheed Martin Aeronautics. "This collaboration with Guardtime Federal assures the highest level of digital security and enhances the integrity of our aircraft, further enabling pilots to achieve mission success in hostile cyber environments."

Beyond the software development supply chain, the agreement also enables KSI® integration into the architecture of large-scale digitally directed manufacturing equipment to deter and detect any unauthorized residuals from third party routine maintenance actions. The desired end state is an advanced high integrity aerospace digital supply chain.

"Whether the operation is land, sea, air, space, or cyber space, the control flow of digital data and processes is key to mission success," said David Hamilton, president of Guardtime Federal. "Our collaboration with Lockheed Martin is delivering a mathematically provable process for data integrity to the customer to assure that the software envisioned, developed, tested and certified is what makes it onto the platform every time."

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 110,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. For more information, visit lockheedmartin.com.

About Guardtime Federal
Headquartered in Alexandria, Virginia, Guardtime Federal is a U.S. chartered business that delivers mathematically verifiable data integrity for defense and aerospace. Guardtime Federal integrates Guardtime KSI® industrial blockchain technology with U.S.-developed high-end tamper resistant hardware for data and process integrity with digital provenance for cross boundary, embedded, and private networked environments to protect design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

SOURCE Lockheed Martin Aeronautics

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