Press Release

Sunhillo Cryptographic Module Achieves FIPS 140-3Certification

PR017, Revision 1.1, Released November 12, 2025

Sunhillo proudly announces the successful FIPS 140-3 integration into its SureLine® and SureSentry products, marking a significant milestone in our product security and compliance. Through the integration of our validated Sunhillo Cryptographic Module software (NIST Cert #5003), the SureLine platform and the entire SureLine family of surveillance products are now "FIPS 140-3 Validated". This certification reinforces Sunhillo's commitment to delivering secure and compliant solutions. Products using the certified Cryptographic Module include Sunhillo's Brigantine SGP, Longport, RICI, Ventnor, Margate, and SureSentry Data Diode product solutions.

As a globally recognized benchmark for cryptographic security, FIPS 140-3 provides confidence to organizations handling sensitive data that their systems are protected against sophisticated threats.

The SureLine products utilize Sunhillo's FIPS 140-3 certified cryptographic module to provide validated cryptography for the protection of sensitive information where encryption is used (i.e., https, ssh). By adopting FIPS 140-3, Sunhillo has proactively addressed emerging cybersecurity threats, maintaining a strong security posture.

SureLine Software Suite is the backbone of Sunhillo Corporation's surveillance gateway products and provides a wide range of functionalities including conversion, translation and other transforms that allow for bridging dissimilar networks, analyzing data and connecting surveillance sources to air-traffic automation systems.

The Sunhillo Data Diodes were designed to protect the integrity of a network that sources data to a separate network by strictly enforcing a one-way-only data flow. The standalone SureSentry and Brigantine Data Diode accomplish this by implementing a 100% hardware-enforced security protocol that cannot be disabled or bypassed.

Within data networks, it is often necessary to provide data from a protected network to a network with a different security posture. To fulfill this requirement without jeopardizing the safety and integrity of the secure network assets from the threats of inbound cyber-attacks, it is necessary to prevent data and control communication from the Unsecure side of the network

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from reaching the Secure side. By using the FIPS 140-3 certified Sunhillo Data Diodes, organizations/governments/military can minimize the risk of data breaches, cyber-attacks, and other security incidents.

Please contact Sunhillo sales if you have any questions about our validated products.

(FIPS 140-3 Validated, Certificate #5003)

About Sunhillo

Founded in 1991, Sunhillo Corporation, an ISO 9001 and ISO 27001 certified company, provides products, services and expertise to the FAA, US DOD, Air Traffic Control (ATC) industry, and Air Traffic Management (ATM) partners worldwide. Sunhillo has become the preferred provider of surveillance data distribution products, services and systems to the FAA, the U.S. DoD, and civilian ATM providers across the globe. Sunhillo Corporation also provides hardware and software engineering, second-level engineering support, test, and evaluation services. Sunhillo Corporation has provided UAS products and solutions for over 9 years and has performed live flight operations for NASA and the FAA.

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