

PESA Live Video Distribution Platform Fully Complies with CNSA Cybersecurity Requirements

Secura® Satisfies the Cybersecurity Executive Order at the Highest Level

HUNTSVILLE, AL, USA, June 10, 2021 /EINPresswire.com/ -- PESA Secura, when matched with a certified NIST 140-2 crypto module, fully complies with the objectives of the [Cybersecurity Executive Order recently released from the White House](#), making it a viable cybersecure option. PESA Secura® meets the National Security Agency (NSA) Commercial National Security Algorithm (CNSA) Suite (formerly Suite-B) requirements to protect information, including each and every video, audio, KVM, USB and control flow from being compromised.

“Secura has been architected and built from the ground up with security as the highest priority” said PESA Chief Technology Officer Scott Barella. “For ultimate Cybersecurity, it cannot be considered as an afterthought, but has to be designed in from the outset, otherwise the solution is vulnerable.”

PESA realized years ago that standard SDI, KVM, USB and HDMI video distribution equipment was not cybersecure and was not capable of being secured. Cybersecurity was not a concern when these technologies originated. Knowing this, PESA researched, developed, and delivered Secura, a FIPS 140-2 based encrypted IP Video Distribution Platform, which provides end-to-end cybersecurity to all signal flows. Implementing a FIPS certified module is important for security, but it is the actual implementation of its capabilities that result in a cybersecure environment. PESA Secura’s implementation meets the encryption, key, signature and hashing requirements for complete NSA CNSA (Suite B) compliance.

Secura enables a Zero-Trust environment. AES-256 encryption protects each and every audio, video, USB and control signal flow. When combined with Elliptical Curve Diffie Hellman (ECDH)



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THE WHITE HOUSE
EXECUTIVE ORDER
Executive Order on Improving the Nation's Cybersecurity
MAY 12, 2021 - PRESIDENT DONALD TRUMP

By the authority vested in me as President by the Constitution and the laws of the United States of America, it is hereby ordered as follows:

PESA SECURA® Secure, Encrypted 4K Video, Audio, Control & KVM Distribution Over IP Fully CNSA Compliant

PESA Fully Complies with Executive Order CNSA Cybersecurity Objectives

PESA
PESA Secure Media Distribution



For a VDS-IP solution to be good enough for government and military systems, all IP components must be encrypted, including endpoints, control interfaces and touch panels. Secura meets that goal.”

Scott Barella, CTO

dynamic rotating keys and digital signatures, Secura is fully secured for operation in either a single security level environment or an environment with Multiple Independent Levels of Security (MILS). In addition, PESA Control is available as fully cloud enabled. View PESA Whitepaper, "Is Your Live Video and Data Safe?"

“PESA’s dedication to innovation and security is evident in Secura,” said Howard Sutton, PESA chairman and CEO. “We started this project with the understanding almost all video distribution equipment was vulnerable to attack. We wanted to develop a 4K or higher resolution platform with

less than 1ms latency providing unmatched security and scalability. PESA Secura is a result of our commitment to ensure our customers have the highest level of security and functionality.”

PESA’s long-standing history of providing mission-critical solutions to many military and civilian government facilities assures customers of the quality and reliability of PESA solutions. With the release of Secura, the sensitive, high-value and classified workflows at the heart of all government mission-critical applications can meet the new Cybersecurity Executive Order requirements for security.

More information is available at <https://pesa.com/product/secura/> or via email to sales@pesa.com.

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About PESA

PESA is a leading supplier of cybersecure live video distribution solutions to the government, professional and broadcast markets. As a leading innovator in securing IP low latency and high-resolution video capability from source to glass, PESA is used in zero trust environments that require mission critical performance. Defense, government, media & entertainment, broadcast, and commercial customers trust PESA’s reliable, high-quality products for high performance, high availability, security, and ease of use. PESA offers the only certified secure, FIPS 140-2 encrypted end-to-end, video distribution system (VDS), including keyboard, video, and mouse (KVM).

PESA is located in Huntsville “Rocket City,” Alabama with regional sales offices around the world. All PESA products are supported by our industry recognized 24-7 support team. For more information, please contact sales@pesa.com or call us at 1-800-323-PESA (1-800-323-7372).

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