



SECURA®

Use Case

NAVY CIC

(Combat Information Center)



SECURA®

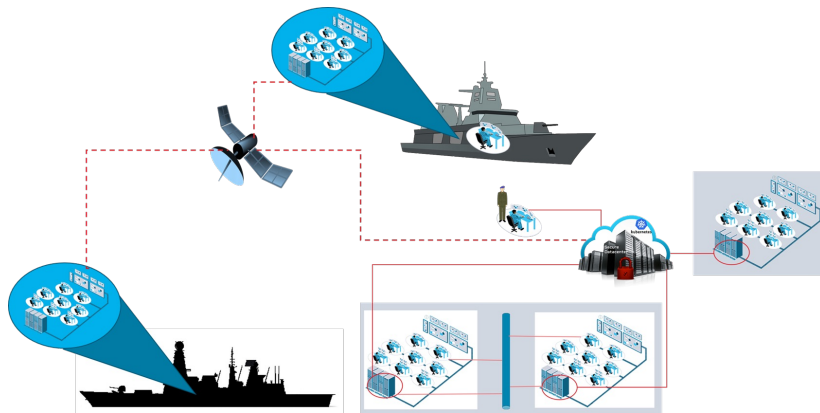
The Most Secure And The Most Advanced MISSION VIDEO SYSTEM (MVS)

Mission Video Systems (MVS) control video and audio feeds from multiple sources to multiple outputs in Combat Information Centers (CIC) and in Integrated Weapons System (IWS) rooms for situational awareness and decision-making. Legacy MVS technologies, CICs are siloed and cannot securely connect to CICs in separate ships, CICs in separate geographical locations, allied ships and naval bases.

Today's Navy CIC needs MVS with the capability to securely connect multiple CICs on one ship, CICs in multiple ships, and to multiple C2 in naval bases. This need is evident in the Navy's Project Overmatch initiative.

Baseband/SDI and hardware-based AV/IP MVS cannot meet today's and tomorrow's requirements These systems lack the needed **Security, Scalability** and **Cloud Connectivity** capabilities.

- **SECURITY:** SECURA® provides multiple independent levels of security (MILS), AES 256-bit end-to-end encryption and complies with the tenets of Zero Trust (as per Executive Order 14028). Escalating cybersecurity attacks by state actors, criminal organizations, cyberterrorism, lone-wolf hackers and insider threats require highly secure systems.
- **SCALABILITY:** SECURA® supports up thousands of video flows or nodes. The proliferation of video sources from satellites, drones, IoT and sensors require a hyper scalable MVS.
- **CLOUD CONNECTIVITY:** SECURA® has an AV/IP and software-based architecture. It supports on-premise, cloud and cloud-edge environments (including drones)



CONTACT US TODAY

We will help you design the MVS solution that meets your current and future needs.

CERTIFICATIONS OF THE SECURA® INTEGRATED SOLUTION



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SIN: 33411

SECURA®

CAPABILITIES

- AV over IP Mission Video Systems (MVS) And Keyboard-Video-Mouse (KVM) In One System, On Copper Or Fiber I/O via LAN, WAN Or Internet Cloud
- Support Of Up To 4Kp60 4:4:4 High Quality Video
- Low Latency End-To-End Distribution Of < 1ms From SECURA® Transmitter To SECURA® Receiver
- Multiple Independent Levels Of Security (MILS) On One Network, Scalable Up To 25 Or More Levels
- NIST Certified FIPS 140-2 (CMVP# 4021). Soon FIPS 140-3.
- CNSA (Suite B) Compliant
- AES 256-bit Encryption for All Data Flows
- SECURA® Integrated Solution Uses COTS Switches (Arista, Cisco Or Others)
- Multi-Factor Authentication (MFA) and Mutual Authentication, With Advanced Key Certificate And Token Management For All Endpoints And Connections (TLS 1.2)
- Architected For Zero Trust Environments
- Hyper Scalable IP Platform Supports Up To Thousands of Nodes Or Video Flows.
- Supports On-Premise, Hybrid Cloud, Cloud And Edge Of The Cloud Using Container-based technology



Website:
www.pesa.com

Email:
sales@pesa.com

103 Quality Circle, Suite 210
Huntsville, AL 35806

US Toll Free: 1.800.323.7272
Telephone: 1.256.726.9200