

PESA
SECURA®
USE CASE

**Single Location
 Command and
 Control Centers**



SECURA®
CAPABILITIES

- AV over IP Mission Video System (MVS) and Keyboard-Mouse-CAC (HID) In One System, on Copper or Fiber I/O via LAN, WAN or 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 140-3 (CMVP pending) for Control Plane
- Software Driven (versus HW)
- AES 256-bit Encryption for All Data Flows
- SECURA® provides transition from legacy to current to the future
- Multi-Factor Authentication (MFA) and Mutual Authentication, with Advanced Key Certificate and Token Management For All End-Points and Connections (TLS 1.2)
- Architected For Zero Trust Environments
- Hyper-Scalable IP Platform supports up to 10,000's of Nodes or Video Flows
- Supports On-Premise, Hybrid Cloud, Cloud, and Edge Of The Cloud using Micro-Services based technology

SECURA®

Mission Video Solutions for C2 Delivering Secured Capability

Mission Video Systems (MVS) control video and audio feeds from multiple sources to multiple outputs for command and control (CS) centers. MVS are the “eyes and ears” for Situational Awareness and Decision Making in every Command & Control center (C2), combat information center (CIC), C5ISR, operations center, watch centers, field operations, secure interview rooms and drone launch centers of major DOD, intel and civilian government agencies. A strategic, zero-trust platform is required.

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

- **SECURITY:** SECURA® Software Control Plane provides multiple independent levels of security (MILS) within a NIST FIPS 14-3 framework utilizing Mutual TLS for authentication. The data plane uses 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 software supports 10,000's of video flows and edge devices. The proliferation of video sources from satellites, drones, IoT and sensors require a hyper-scalable MVS.



**Secure Single Location
 Command & Control
 Center**

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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