



# SECURA<sup>®</sup> USE CASE

Single Location Fixed or  
Mobile Command and  
Control Centers



# SECURA<sup>®</sup> CAPABILITIES



## Cybersecure MISSION VIDEO SYSTEM (MVS) for Situational Awareness and Decision Making in a Zero Trust Environment

**Mission Video Systems (MVS)** control and switch video, audio, keyboard, mouse, and HID device 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 and Control Center (C2), Combat Information Center (CIC), C5ISR, Operations Center; and in Watch Centers, Field Operations, Secure Interview Rooms and Drone Launch Centers of major DOD, Intel and Civilian Government Agencies. In every application a strategic, Zero Trust platform is required.

MVS C2 systems require **Security, Scalability,** and **Network** capabilities.

- **SECURITY:** SECURA<sup>®</sup> 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 tens-of-thousands of video flows and edge devices.
- **NETWORK:** SECURA currently shipping Local and Campus implementations. Wide Area Network and Cloud shipping in 2024 (HEVC Codec). Contact PESA for availability.



Secure Single Location  
Command & Control  
Center

- AV over IP Mission Video Systems (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<sup>®</sup> Transmitter To SECURA<sup>®</sup> Receiver (LAN)
- Multiple Independent Levels of Security (MILS) on One Network, Scalable Up To 25 Or More Levels
- Provisional CMVP NIST Certified FIPS 140-3
- Software Driven (versus HW)
- AES 256 GCM Encryption for All Data Flows
- SECURA<sup>®</sup> provides transition from legacy to current to the future
- Multi-Factor Authentication (MFA) and Mutual Authentication, (mTLS) 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 tens-of-thousands of Nodes or Video Flows
- Mezzanine codec Shipping Now. Cloud HEVC codec shipping 2024.
- In TSAAP lab for DoDin APL
- Local and Remote Digital Video Recording and Playback

### CONTACT US TODAY

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

#### CERTIFICATIONS OF THE SECURA<sup>®</sup> INTEGRATED SOLUTION



Website:  
www.pesa.com

Email:  
sales@pesa.com

103 Quality Circle, Suite 210  
Huntsville, AL 35806

US Toll Free: 1.800.323.7372  
Telephone: 1.256.726.9200