



CAPABILITIES STATEMENT

The Most Secure And The Most Advanced
MISSION VIDEO SYSTEM (MVS)
Architected For Zero Trust Environments

Mission Video Systems (MVS) control video and audio feeds from multiple sources to multiple outputs for situational awareness for command and control (C2) centers, combat information centers (CIC), C5ISR, field C2 centers, operations centers, drone launch centers and other similar venues of DoD, intel, civilian government agencies and commercial organizations. MVS are essentially the “eyes and ears” of command and control.

SECURA® is the most secure AV over IP MVS and Keyboard-Video-Mouse (KVM) platform. It is capable of distributing multiple independent levels of security (MILS) of real-time video data for single-location, distributed multi-location and Joint All-Domain Command and Control (JADC2) centers via networks such as LAN, WAN or the Internet Cloud (on-premise, cloud or the edge of the cloud using Kubernetes container (including drones).

SECURA® encrypts each and every video, audio and USB signal using FIPS 140-2 certified CNSA (Suite B) Crypto for up to Top Secret classifications on and between every connection point in the network. Soon FIPS 140-3. The integrated SECURA® solution uses COTS switches (Arista, Cisco or others) to communicate to the IP network.

SECURA® is architected for Zero Trust environments. It delivers real-time video for situational awareness at the speed of the mission in the connected battle space.

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 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 Nodes Or Video Flows.
- ❑ Supports On-Premise, Hybrid Cloud, Cloud And Edge Of The Cloud Using microservices Container-based technology (including drones)

PESA SOLD MVS TO THESE CUSTOMERS AND OTHER ORGANIZATIONS

