

Multi-Domain VTC System Featuring Cisco Integration & Control

Features

Cisco Integration

Multi-Domain VTC system with integrated Cisco control supporting all Cisco collaboration room endpoints (SX80, MX Series, & Spark Kit/Room Series)

Cisco Control

Native Cisco Touch 10 control of all briefing and VTC functions including VTC network switching

Secure

Conforms to the DISA periods processing procedures and satisfies related Cybersecurity requirements

Failsafe Process

Eliminates residual settings or data from being transferred from one network to another

Red/Black Separation

Provides true red/black air gap separation and isolated grounds between networks and all system components

Approved Isolation

Utilizes a DISA approved (CCEVS certified, previously NIAP validated) fiber switch for video network management

Source Management

Automated control of Common Criteria NIAP-Certified EAL4 source management isolation devices for all PC/Workstation audio & video inputs

The Freeport Technologies multi-domain VTC system featuring Cisco control is a turnkey solution which features a seamless integration of a Cisco collaboration room endpoint with Freeport's multi-domain switching system. Integrating the control of the MDVNS into the Cisco hardware platform eliminates third party AV components and control systems, thereby providing a proven, field-tested solution. The system can be deployed into new and existing environments and certified for use in less than a day.

The MDVNS has been approved by the Defense Intelligence Agency for use on the JWICS Top Secret network. It has also been approved for operation by DISA on NIPR, SIPR, NRO, NGA, Coalition Forces, GoldNet and many other classified networks.

The integration of Cisco control with the MDVNS leverages the inherent capabilities of the Cisco collaboration room endpoints (audio, video, and control), providing familiarity for the end user. The Cisco Touch 10 touch panel will not only control all briefing and VTC functionality but also natively support control of the Freeport MDVNS (VTC network switching & system shutdown). In addition, any reconfiguration of the MDVNS system including the addition of VTC networks, will automatically be synced with the Cisco control system.





Product Information

Multi-Domain Video Network Switch (MDVNS)

Security Compliance

- Meets current DISA requirements & future requests as detailed in the latest Video Tele-Conference STIG
- Approved by the Defense Intelligence Agency when using a single video CODEC for multiple domains (including JWICS)
- Utilizes a DISA approved (CCEVS certified, previously NIAP validated) fiber based secure switching unit for video network management

MDVNS Approvals

- *Defense Intelligence Agency* – The DIA approval of the MDVNS can be found on the high side of DIA’s home page under “VTC” approvals
- *DISA* – The MDVNS is listed on DISA’s approved Red/Black Peripheral products list: www.disa.mil/~media/Files/DISA/Services/DVS/red_black_peripherals.xls
- *Air Force Space Command* – Internal documented evaluation lists the MDVNS as the preferred secure switching and periods processing solution when using a single video CODEC for multiple networks

Design Approach

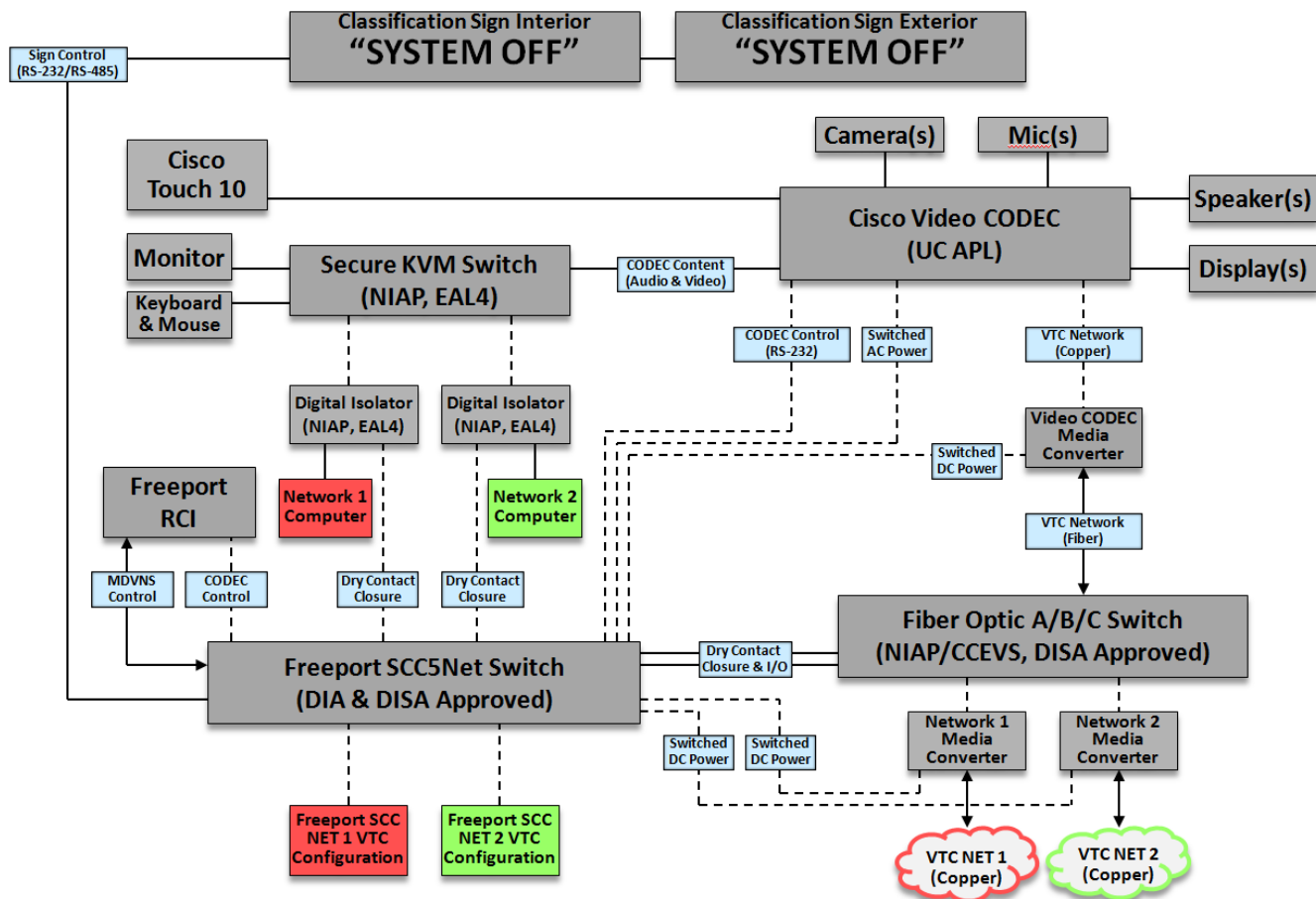
- True red/black air gap separation and isolation grounds between all MDVNS system components and VTC networks
- Video CODEC configuration settings, passwords, users, certificates, and directories do NOT coexist with those of another VTC network
- Eliminates residual settings and data from being accessed or transferred from one VTC network to another
- Mitigates shared resource risks which are inherit when using multiple video CODECs for in a single system design

Environmental

- RoHS & TAA Compliant
- Made in the U.S.A

Warranty and Support

Service and support contracts are offered in various packages which provide technical help desk support, hardware warranty, firmware updates, and future security enhancements



Freeport MDVNS High Level Drawing - 2 Network w/ Source Isolation & Cisco Control