

NEXT-GENERATION SECURE MULTI-LEVEL VTC EXTENSION AND SWITCHING SOLUTIONS

KEY FEATURES

- Faster room reconfiguration lowers IT staff and contractor/ consulting costs
- Optimized network utilization leads to fewer network ports needed
- Less aggregate bandwidth required for comparable workflows
- Ongoing operational and maintenance costs reduced
- Reduced room/space/facility requirements for comparable workflows

BENEFITS

- Improved collaboration, workflows and human factors elements
- Mitigation of insider threat due to separation of humans from targets (data sources)
- Reduction of multi-level-security MLS physical assets
- Greater operational control of classification level changes

INCREASE FLEXIBILITY AND SECURITY WHILE LOWERING OPERATIONAL COSTS

Increase the flexibility and productivity of secure video teleconferencing facilities and respond to rapidly-changing mission requirements while reducing costs with Thinklogical.

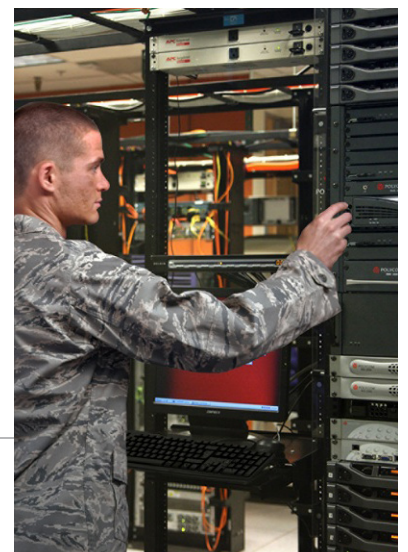
WHAT IS THE CHALLENGE?

Secure video teleconferencing is a valuable tool to enhance situational awareness and facilitate real-time decision making, but traditional technology infrastructures can limit information sharing and collaboration with resources outside of the VTC room.

THE THINKLOGICAL SOLUTION

Thinklogical offers an innovative enabling technology that allows organizations to enhance and expand the capabilities of their existing video teleconferencing infrastructure and make VTC an integral part of command-wide C2 operations. This next-generation approach from Thinklogical enables the back-racking of codecs in secure IT machine rooms and extending video, audio and control to VTC facilities using an IA-accredited KVM signal extension and matrix switching system. This reduces the IT hardware and cabling footprint in the VTC room and moves codecs (and their vulnerable network jacks and USB ports) away from user access for increased data security.

Thinklogical's scalable, enterprise-class architecture makes VTC part of a facility-wide C2 infrastructure, enabling secure content from any source to be easily distributed and shared with command and control centers and



watch floors, SCIFs, leadership enclaves, and other locations, delivering vital information to where it's needed most. This facilitates staff collaboration, improves situational awareness and leads to faster and better-informed decision-making.

Thinklogical's signal management technology supports distributing multiple-classification VTC applications through a single, IA-accredited matrix switch, dramatically improving the functionality and flexibility of a typical VTC installation. With Thinklogical, classifications within a VTC room can be changed with a simple keystroke, eliminating the need to physically change hardware, connections, or requiring staff to move to a different room.

Switching the Thinklogical system off immediately makes the room "stateless," with no information being actively transmitted to or from screens or cameras.

Because Thinklogical simply transports the video, audio and control system signals between the rack-mounted codecs and the VTC room using fiber-optic cabling, switching the Thinklogical system off immediately makes the room "stateless," with no information being actively transmitted to or from screens or cameras. The room can then be quickly reconfigured for another session or classification level with no additional hardware or software changes.

With an uncompressed, high-bandwidth signal management architecture, Thinklogical's extension and switching system creates no additional latency when VTC codecs are extended from the rack room to the facility, regardless of distance, retaining the codec's original video image and audio quality and delivering smooth and responsive control system performance.



TCO SAVINGS

- Reduced codec hardware and licensing fees due to pooling
- More efficient asset utilization
- Less hardware, cabling, and reduced network infrastructure
- Lower IT admin costs due to consolidation of assets
- Future proof: supports next-gen VTC technology
- High MBTF and redundant, resilient components maximizes uptime

THINKLOGICAL VTC SOLUTIONS ARE:

- IA-Accredited: EAL4, JITC, NATO NIAPC, TEMPEST
- Certified for Secure Environments (SCIF)
- TAA Compliant: Made in the USA
- Proven, Commercial Off-the-Shelf (COTS) Technology
- Codec and Protocol Agnostic
- Interoperable with All VTC Products and Brands
- Compatible with All Common IT and AV Signal Formats and Interfaces

RECOMMENDED THINKLOGICAL PRODUCTS



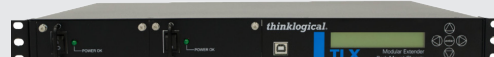
TLX12 Matrix Switch



TLX48 Matrix Switch



TLX24 Matrix Switch



TLX Video, Audio and KVM Extenders