

Secure Access. Assured Separation. Mission Confidence.

Another successful deployment

Black Box recently delivered another mission-critical secure deployment for a large defense organization using our secure KVM architecture for centralized control of their multisite control rooms.

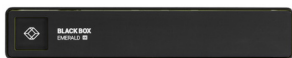
Mission Outcomes:

- ✓ Classified and non-classified networks remained fully isolated
- ✓ Security controls were strengthened without disrupting operations
- ✓ Operators gained faster, cleaner workflows across multiple systems
- ✓ Compliance and separation policies remained fully enforced

This architecture continues to be trusted by defense organizations and government agencies worldwide operating in highly secure environments.

Trusted Secure Architecture

This most recent deployment leveraged a proven combination of technologies designed for multi-domain defense operations.



Emerald®

Enterprise Control (IP KVM) platform that enables secure access and visualization across distributed control rooms.

NIAP 4.0 Certified Secure Switching

Guaranteed hardware-enforced separation between classified and non-classified networks.



NIAP 4.0 Certified Secure Defender

Protects operator peripherals and prevents unauthorized data transfer between domains.



Together, they create a trusted architecture that allows operators to work efficiently while maintaining strict domain separation.

Common Defense Scenarios

Organizations adopt this architecture when they need to:

- **Build a New Secure Control Room:** Design a modern command environment that enforces SIPR / NIPR / Classified / Secret / Top Secret / Cosmic Top Secret separation from day one.
- **Connect Control Rooms at a Distance:** Securely extend systems between buildings, campuses, or facilities.
- **Centralize Command Operations:** Create a central command center that can monitor and operate satellite control rooms remotely.
- **Bring Siloed Systems Together:** Allow operators to safely access multiple secure systems without weakening security controls.

Operational Advantages

- Bring siloed systems together safely
- Connect geographically separated control rooms
- Improve operator efficiency and situational awareness
- Maintain strict network separation and compliance
- Modernize control room infrastructure without increasing risk

Trusted by Defense Organizations Worldwide

Black Box secure architectures support:

- Defense command centers
- Intelligence operations
- Government secure facilities
- Mission-critical control rooms
- Where security, reliability, and operational clarity are non-negotiable.



See the Architecture in Action

If you are planning a new control room, upgrading an existing command center, or connecting secure facilities, we would be happy to share how this architecture works.



Request a Free Secure Architecture Walkthrough