NIAP 3.0 Secure KM Switches

Traditional non-secure KM switches offer centralized control of multiple computers, but offer no absolute isolation between them. This exposes systems to the possibility of malicious damage and disruption, and acquisition of sensitive data from one computer to another.

IPGard's Secure KM Switch is designed for use in secure defense and intelligence applications where sensitive data must be protected. The Switch is NIAP PP 3.0 certified and equipped with the highest security features that meet today's Information Assurance safe control standards. The switch prevents data leakage between computers that can run at different security levels, and eliminate any potential cyber threat.

KEY FEATURES

- Supports 4 to 8 systems using a single keyboard mouse set
- Seamless mouse switching technology
- Supports Windows, Mac and Linux OS
- Supports balanced speakers output and switching
- Optional Advanced configurable CAC port
- Front panel tactile buttons with LED indicator
- External power supply - Level VI

SECURITY FEATURES

- Non-reprogrammable ROM
- Active Anti-tamper switches
- Long-life internal Anti-tampering battery
- External tamper-evident seals
- Keyboard, Mouse emulation
- Absolute isolation - No data leakage between ports
- Certified by NIAP, the latest Common Criteria (Protection Prole for Peripheral Sharing Switch Version 3.0)

The iPGARD KM series allows users to control KM (Keyboard and Mouse) operations from 4 to 8 computers with single keyboard and mouse. iPGARD features mechanical, electrical and optical signal isolation to prevent hacking and data leakage in environments where security is paramount. All data relays are controlled by inverted signals, shielding connections from outside intrusion by forcing them each to work one at a time. Each port uses its own isolated data channel and each unit features non-reprogrammable ROM to better protect the switch's functions.

iPGARD Secure KM Switches offer top-grade data protection when accessing keyboard-mouse functions across multiple connected computer systems. With NIAP Protection Profile Ver. 3.0 (PP3.0) standard compliance ensures all iPGARD KM switches utilise the newest, most advanced safeguards in relation to keyboard, mouse, and audio security.

Each IPGard Secure KM Switch uses Seamless Cursor & Keyboard Switching (SCS), which lets users transition between highly isolated computer systems simply by moving a mouse cursor across individual display borders. Each connected system's display remains visible during SCS, but the Secure KM Switch keeps each system isolated and protected.

Defense, intelligence and finance specialists who regularly work with sensitive data will benefit considerably from iPGARD's Secure KM Switches' SCS functions, saving them both the time and effort of switching between systems.

For more information on the iPGARD Secure KVM switches please contact ICP Global.

iPGARD 8 port KM Switch with CAC

VIDEO	USB IN	CAC IN
AUDIO OUT	USB OUT	CAC OUT
AUDIO IN		
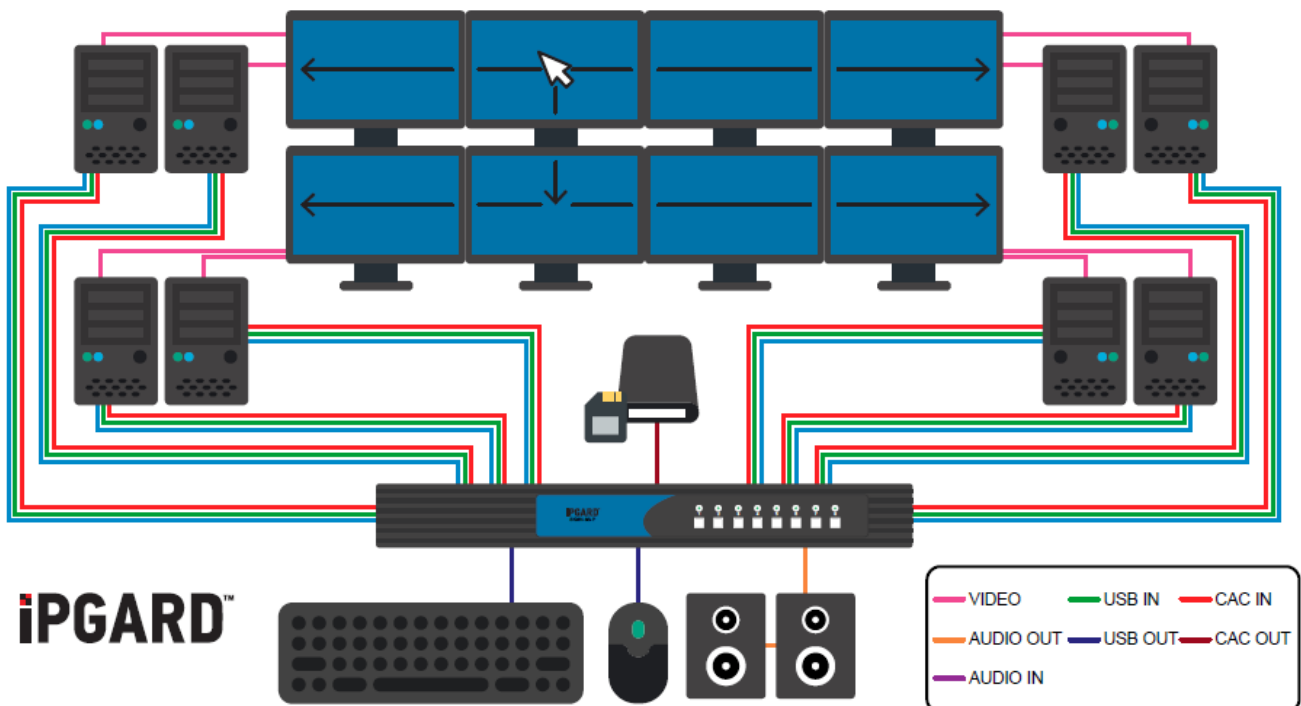
iPGARD KM Seamless Mouse Switching