

SECURING THE GOVERNMENT DESKTOP

Protect Your Agency with Belkin's NIAP PP3.0 Certified KVM Switching Solutions

Despite Federal agencies' efforts to protect data, cyber threats continue to grow. And although external threats are increasingly publicized, government employees' lapses and errors in security procedures can introduce threats with equally devastating effects.

A significant amount of government data resides on endpoints such as laptops or other mobile devices – but **66 percent¹ of Federal agencies say they are missing measures for endpoint security management.** Peripherals (such as a keyboard or mouse) have the ability to both send and receive data, creating a security gap. Secure Keyboard-Video-Mouse (KVM) switching devices can assist with closing the gap.

Security Certified

Belkin's Secure KVM Switching solutions are not only user-friendly, they are certified secure having earned the National Information Assurance Partnership (NIAP) Common Criteria (CC) Certification under the Protection Profile (PP) for Peripheral Sharing Switch Version 3.0 – or NIAP PP3.0 for short.

The certification validates that Belkin Secure KVM Switching solutions meet stringent testing and technical requirements for security mandated by the National Security Agency.

Modeled after Belkin's PP2.1 Secure KVM Switching framework, NIAP PP3.0 certification brings innovation to secure KVM switches, new capabilities to Federal IT managers, and focuses on unauthorized and untrusted peripheral devices. Not to mention, all IT products purchased for national security in the United States are required to be CC-certified.

Protecting Your Data

Complex government networks lead to performance and reliability issues as agencies deploy new technology. With small form factors and superior user interfaces, Belkin Secure KVM products are easy to deploy and interact with, minimizing human error during installation and use.

Belkin is driving the industry forward, exceeding the benchmark for the new NIAP PP3.0 certification and rolling out new products with the government end-user in mind. Our two new PP3.0 certified solutions – part of our Secure KVM Switching portfolio – bring new functionality to government users:

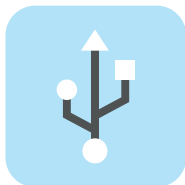
- **Secure Flip KVM:** First secure KVM with integrated cables that allow users to switch networks by pushing a button via a remote control.

- **Secure Windowing KVM with Advanced Viewing Technology:** Enables users for the first time to securely view up to four networks simultaneously on one or two monitors in real time with no loss of quality.

¹ "Federal Cyber Uncertainty – KVM XYZ." MeriTalk. <https://www.meritalk.com/study/kvm-xyz/>



Benefits of Belkin's certified Secure KVM Switching portfolio include:



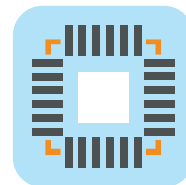
Restricted Input/Output

USB device signals will be monitored in real-time for unauthorized peripheral device traffic. Upon detection of an unauthorized device, like a thumb drive, all data is rejected from passing through the Secure KVM switch.



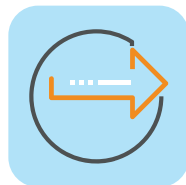
Tamper Proof Design

All Microprocessors are One-Time-Programmable and do not contain reprogrammable flash memory, protecting firmware from being tampered with locally or remotely.



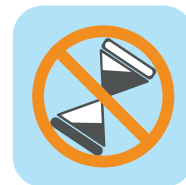
Dedicated Processors

Every peripheral uses its own emulator, preventing signaling attacks and data leakage all together.



Paths

Optical diodes ensure data flows in one direction, preventing upstream signaling attacks and data leakage by using physics – not electronic circuits or firmware.



No Memory Buffers

Peripheral signals are passed through, preventing data from being stored inside of the Secure KVM switch.

When it comes to security, you need confidence that your solutions will hold up against internal and external threats. Belkin's innovative, secure, certified solutions are simple to use and meet the latest government security standards. A technology innovator for more than 30 years and a trusted leader in the KVM market for more than a decade, Belkin delivers industry leading innovative high-definition secure switching solutions to keep your data secure.

