Guard Your Critical Computer Systems
Military-Grade Secure KVM Switches and Extenders

Consider these famous folks involved in breaches of security: Marcus Junius Brutus, Benedict Arnold, and Edward Snowden. What do these people have in common? They all were trusted individuals.

In today's fast-paced IT world, you need to know who you can trust to keep your servers and data secure, even in non-military applications. Foolproof your systems with Secure KVM Switches that provide military-grade, tamper-proof endpoint security.

Add another layer of physical security by removing PCs from the desk and securing them in a locked server room with a limited number of people who have access. Black Box Emerald® Extenders can extend the control via fiber or CATx to the desk while improving service accessibility. Add a Secure KVM Switch to toggle between computers in different networks of varying security levels.

Applications:

Power Plants, Water Plants, any public utility

Banks and Financial Institutions

Police Departments (Public Safety)

Prisons

Transportation

Healthcare

Scientific Modeling

Oil, Gas, and Chemical

Automotive Manufacturing

Features/Benefits

- Block threats derived from sharing and switching of vulnerable, untrusted, or unauthorized peripheral devices
- Eliminate peripheral exploits, information leaks, eavesdropping, signal transmission, computer malware, hardware, and firmware tampering
- Enable secure peripheral sharing across different security domains/networks. Prevent functions such as Finance, HR, and other admin functions from inadvertently accessing classified to top-secret information. Prevent "infecting" those top-secret servers with a USB flash drive or email attachment
- Block unauthorized USB devices while allowing secure switching of smart card and biometric devices between computers
- Turn the keyboard into a one-way street. It cannot log keystrokes, store them, and then send them once connected to another PC on a different network
- Sealed and tamperproof Secure KVM Switches are immune from programming and updating

Application Diagram

Video Options:
4K Display Port
4K Display Port with MST
4K DP/HDMI Flexport
4K HDMI
HD DVI
Single / Dual Monitor
Quad View Single Monitor

Secure KVM Switch

Confidential

Customer Data Base

Untrusted

Trusted
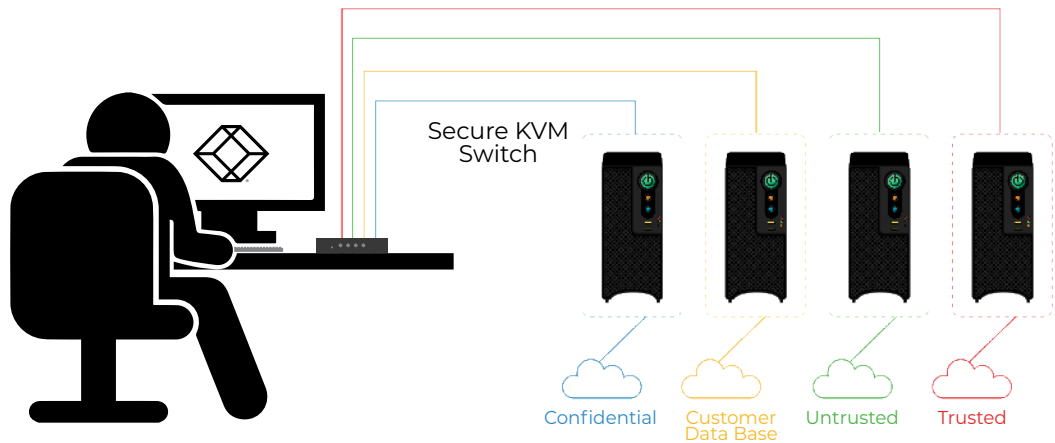
Securely switch between multiple computers in a remote equipment room.

Featured Product

KVS4-2004HVX

Featured Secure KVM Switch models	
Name	Part Number
4-Port, Dual-Monitor, FlexPort HDMI/DisplayPort	KVS4-2004HV
4-Port, Dual-Monitor, FlexPort HDMI/DisplayPort, CAC	KVS4-2004HVX
4-Port, Dual-Monitor, DisplayPort	KVS4-2004V
4-Port, Dual-Monitor, DisplayPort, CAC	KVS4-2004VX
8-Port, Dual-Monitor, DVI-I	KVS4-2008D

To learn more about our range of Secure KVM Switches and enterprise KVM matrix switching technology, visit blackbox.com/securekvm

ABOUT BLACK BOX

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.