



CYBEX™ SECURE DESKTOP KVM  
SWITCHING SOLUTIONS

Achieve New Levels of Desktop  
Security, Control and Productivity



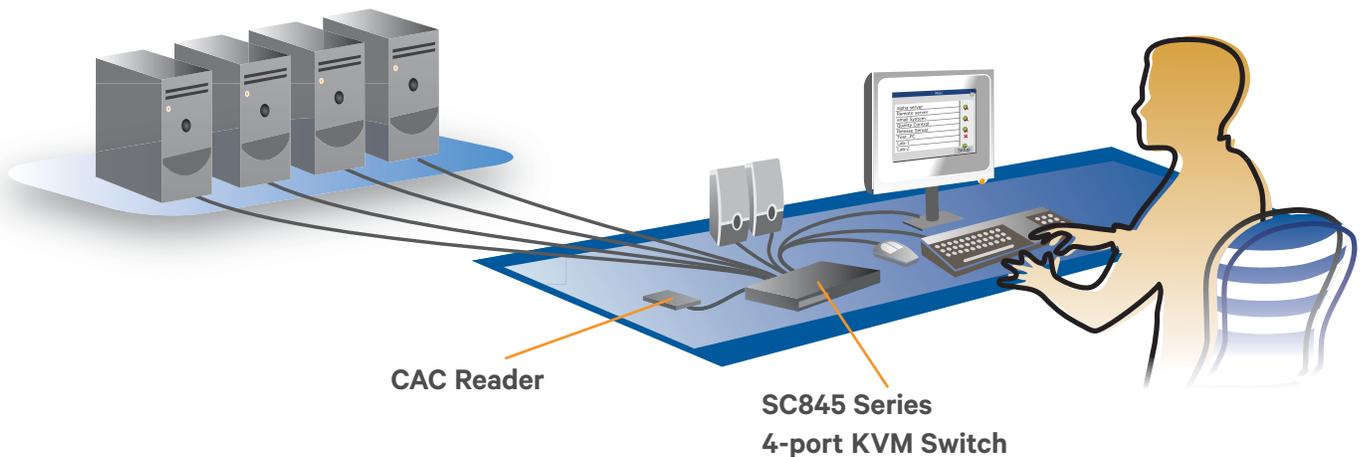
Every day, news headlines report another cyber security breach. Military and government agencies, financial institutions, national health plans, large media companies and multi-national retail chains—none have been immune to major security events.

While the importance of security at the network level has long been recognized, security management at the desktop has sometimes been overlooked. But each desktop computer or device offers a potential point of entry into your network. Laptops, PCs, smartphones, tablets—all of these can be the catalyst for malicious attack or intellectual property theft. Whether you are running a company with limited IT resources or managing a department within a large company, protecting the desktop environment is critical to reducing risk and abiding by privacy and security regulations.

The Vertiv™ Cybex™ secure desktop KVM portfolio offers a proven solution for guarding against cyber intrusion at the desktop. These KVMs are designed to meet the stringent specifications of the U.S. government and are certified to the latest NAIP / Common Criteria protection profile for peripheral sharing switches version 3.0. With more Cybex KVM switches deployed in military and intelligence agencies than any other brand, Vertiv continues to be the most trusted product for securing the desktop environment.

Cybex KVM switches deliver strong, effective security management designed to:

- Prevent unauthorized access by and to peripheral devices
- Deliver transparent security that does not impede user productivity



*The Vertiv Cybex SC 800 and SC 900 Series Secure Desktop KVM Switches provide outstanding security, streamlined connectivity and advanced control of desktop resources.*

## The Industry's Most Extensive Desktop Security Capabilities

The Vertiv™ Cybex™ SC KVM series delivers outstanding control through an extensive suite of security capabilities:

- **Support for USB authentication devices.** A CAC port provides secure connection to common access cards for authenticating users. An optional dedicated peripheral port supports additional types of authentication devices, such as facial recognition and fingerprint readers. Only Vertiv offers a dedicated peripheral port certified to the latest National Information Assurance Partnership (NIAP) Protection Profile V3.0 for peripheral-sharing switches.
- **Unique NUM Lock, CAPS Lock and Scroll Lock indicators.** While the Vertiv Cybex series maintains unidirectional data flow, it also provides indicators that alert users when the NUM Lock, CAPS Lock or Scroll Lock is on to improve ease of use.
- **Peripheral isolation.** A unidirectional optical data diode for each channel assures data can flow from the USB device to the host computer only, providing complete isolation.
- **Always-on anti-tampering system.** The active anti-tampering system and holographic tampering-evident labels alert the user if someone has attempted to physically penetrate the KVM switch. In addition, locked memory prevents attempts to alter the switch by reprogramming the firmware.
- **Eavesdropping prevention.** Patented emulation technology prevents Display Data Channel (DDC) signal leakage and guards against signal attacks.
- **Automated access prevention.** The Cybex KVM switch monitors all the devices attached to it, ignoring any access attempts by unauthorized USB devices.
- **Discrete processing paths.** Isolated ports on the switch provide discrete processing paths to each system, preventing data leakage, transfer or crosstalk between adjacent ports. With these discrete paths, a single KVM switch can support a mix of secure and unsecured systems.
- **No keyboard buffering.** Hardware-based peripheral isolation loads all firmware on ROM with no keyboard buffering or memory. When data is transmitted to or from the desktop, the Vertiv Cybex KVM switch will automatically clear the buffer immediately after the transmission, ensuring no data is ever left in the buffer where it could be compromised.



## A PROVEN SOLUTION FOR SECURING THE DESKTOP

- Over 800,000 switches deployed
- Highest security with several models designed to NIAP Peripheral Sharing Switch protection profile 3.0
- 27 years of experience in the KVM market

### High Security with Greater Flexibility and Lower Costs

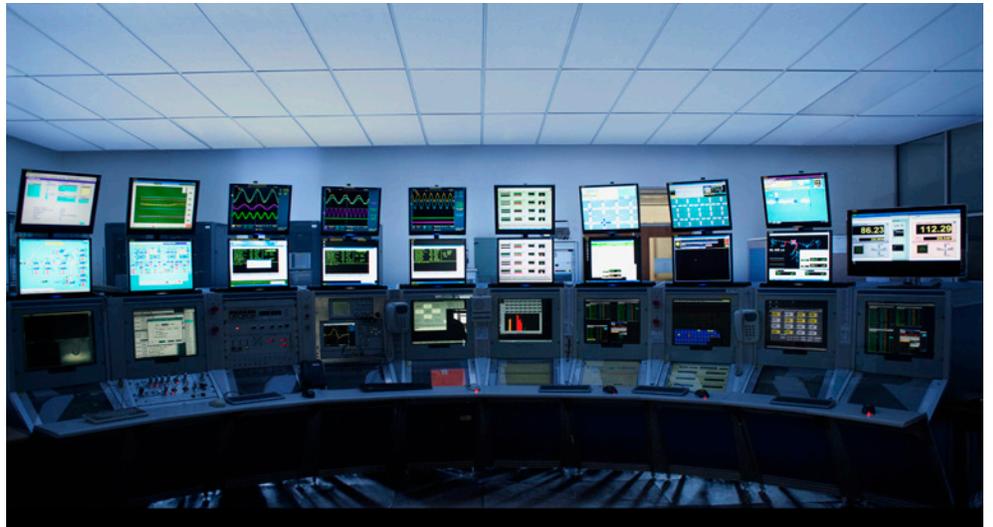
With Vertiv™, there's no need to sacrifice productivity and lower costs for greater security. The Cybex™ Secure KVM series combines its extensive security capabilities with outstanding ease of use. You can easily provide access to multiple systems through a single monitor, keyboard and mouse.

#### Reduce costs

A user can access multiple systems with just a single keyboard, monitor and mouse, eliminating the cost of purchasing multiple sets of peripherals for each desktop. Fewer peripherals means lower energy consumption, less workstation space needed per user, and less validation and inspection costs per user.

#### Gain true image reproduction and display flexibility

Cybex KVM switches offer the industry's broadest range of video connections including DVI-I, HDMI and DP; and support for resolutions up to UHD 4K to make sure image quality is highly accurate and video plays at the highest definition possible.



## Choose the Cybex™ Secure KVM Switch That Best Meets Your Needs

Vertiv™ uses the most sophisticated technology and manufacturing process to ensure the highest performance and reliability in its secure desktop KVM switches. The Vertiv portfolio of secure desktop KVM solutions includes the industry leading Avocent SwitchView™ SC and Vertiv Cybex SC family of offerings.



### Vertiv Cybex SC800 Series Secure Desktop KVM

Four secure, isolated channels

Ultra HD/4K Resolution

Support for DVI-I, HDMI or DP

CAC/DPP option available

Single monitor support

NIAP Protection Profile for Peripheral Switching Switches v. 3.0



### Vertiv Cybex SC900 Series Secure Desktop KVM

Four secure, isolated channels

Ultra HD/4K Resolution

Support for DVI-I, HDMI or DP

CAC/DPP option available

Dual monitor support

NIAP Protection Profile for Peripheral Switching Switches v. 3.0



### Avocent SwitchView SC600 Series Secure Desktop KVM

Two, four or eight secure, isolated channels

High resolution DVI-I

CAC option available

Single monitor support

EAL2+



### Avocent SwitchView SC700 Series Secure Desktop KVM

Four or eight secure, isolated channels

High resolution DVI-I

CAC option available

Dual monitor support

EAL2+

Cables sold separately.

The Avocent SwitchView™ SC secure switches are compatible with most keyboards, mice, monitors and smart card readers. For specific configuration questions, contact an Avocent customer representative.



**All Avocent SwitchView™ SC switches listed are NIAP Common Criteria validated**

GSA Schedule: GS-35F-0264K



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