

How Secure KVMs Enable Access to Sensitive and Confidential Data, While Protecting Classification Levels

Vertiv™ Cybex™ SC Secure Desktop KVMs Protect Data, Keep Workers Productive

Data security threats are growing, as attackers target desktops and end-users to penetrate organizations' networks and access valuable data. Organizations need to provide secure access to sensitive and confidential information, while preventing data cross-contamination and exposure risks.

“Cyber risks soared 50% in 2021 and are now the #1 business concern in 2022.”



Vertiv™ Cybex™ SC Secure Desktop KVM Switches help organizations and workers accomplish the mission and speed daily business operations – all while protecting critical data from growing threats. Cybex SC Secure Desktop KVM switches provide unidirectional data flow. That means that compromised computers cannot leverage these KVM switches to access other computers connected to them, protecting data.

Every Industry Uses and Protects Sensitive Information

Protecting sensitive and classified data helps industry organizations keep customer confidence, safeguard their brand reputation, and avoid regulatory and legal fines.

Biopharmaceutical companies: These firms spend an average of **10.5** years to gain regulatory approval of a new drugⁱⁱ and **\$985** million to take it to market.ⁱⁱⁱ Thus, protecting valuable intellectual property (IP) is critical.

Government: Federal agency staff often view material at different classification levels on the same desktop screen. City, state, and federal government workers use sensitive or classified data to manage critical infrastructures.

Healthcare: Clinicians access electronic healthcare records (EHRs), containing personal identifiable information (PII) and personal health information (PHI). Each exposed health record can fetch **\$1K** or more on the dark web.^{iv}

Financial services: Employees at banks, fintechs, and brokerages work with customer information and trading data. This information is protected by a host of regulations.

GLBA, GDPR, NYDFS, PCI-DSS

GDPR fines can be \$20 million or up to four percent of worldwide turnover, whichever is higher.^v

Any industry: Sales and financial teams analyze confidential information, such as projections, costs, and investments. Loss of this information can cause significant business harm and increase litigation risks and costs.

Cyber Risks and Threats Are Growing

Cyber threats are growing, as attackers target end-users and their devices. Organizations need to proactively harden security as a result. Risks include:

Human error: Some **65%** of employees reuse passwords, with the average person reusing a password **14** times.^{vi} Thus, it's no surprise that **85%** of data breaches have a human element.^{vii}

password
qwerty
12345

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Shadow IT: Workers provision their own applications, file sharing, and data storage, worsening risks. Some **83%** of IT professionals say employees store company data on unsanctioned cloud services.^{ix}

Malicious insiders: Staff know where data resides and how to access it, causing damaging breaches. In **2021**, insiders caused **14%** of all breaches.^{viii}

CONFIDENTIAL

VPN

IT vulnerabilities: Third-party VPNs can create unknown risks. That's why **60%** of organizations are phasing them out for zero trust network access by **2023**.^x

How Secure Desktop KVMs Equip Your Workers

Cybex SC Secure Desktop KVM Switches enable workers to securely access data at different classification levels on the same screen, speeding decision making and reducing work strain. By so doing, users gain a great experience. They can:

- Easily navigate among information sources:** Workers can use Cursor Navigation Switching to securely view information with multiple classification levels on one screen. All it takes are simple mouse movements, using the guard key, or pressing the front panel buttons on the KVM.
- Gain real-time situational awareness:** Staff can see **4-16** data sources simultaneously, staying on top of financial market moves, national security issues, and more.
- Increase productivity:** With easy switching, multi-screen viewing, and rich functionality, staff are more productive. Users simply hold down the Ctrl key to move from screen to screen. In addition, the Vertiv™ Cybex™ Secure MultiViewer KVM Switch allows users to scale, window, tile, cascade, and consolidate resources.
- Eliminate desktop clutter:** KVMs reduce the need for compute resources and peripherals, making the most of tight spaces, such as organizational war rooms.

...And Benefit Your Organization with Ultra-Secure Processes

Your organization wants to protect sensitive and confidential data at all costs. Cybex SC Secure Desktop KVM Switches enable you to:

Protect data with role-based controls: Match information access to employee clearances or use least privilege granted to avoid authorizing unnecessary access rights.

Avoid data cross-contamination: Our secure KVMs prevent actions such as copying, cutting, and pasting of information across classification levels.

Vertiv™ Cybex™ SC Desktop KVMs are trusted by IT leaders across industries. Our Cybex secure switches help organizations provide controlled access to data, protect information at various classification levels, and keep users productive in all situations. With multiple certifications, including NIAP Common Criteria Protection Profile for Peripheral Sharing Devices v 4.0, and TAA/BAA,^{xi} these switches are designed and assembled in Huntsville, AL USA.

Choose your Vertiv™ Cybex™ SC Desktop KVM today

ⁱForbes ⁱⁱHealthcare IT News ⁱⁱⁱDark Reading ^{iv}Gartner
^vBio.org ^{vi}GDPR ^{vii}Tessian ^{viii}Vertiv
^{ix}JAMA Network™ ^xGovtech ^{xi}G2