SOUNDSENTRY™

SECURE MEETING ROOM SOLUTIONS

HARDEN MEETING SPACES TO CONDUCT BOTH CLASSIFIED AND UNCLASSIFIED DISCUSSIONS, USING THE SAME EQUIPMENT

HighSecLabs
Highest Security Solutions

INTRODUCING THE
SOUNDSENTRY™ SOLUTION

The SoundSentry family is a comprehensive solution for conducting classified and unclassified meetings using the same room and its existing equipment, with no risk of data leakage.
It is the world's only solution specifically designed to protect classified & sensitive information through a three-layered approach:

SECURE PERIPHERAL SHARING -

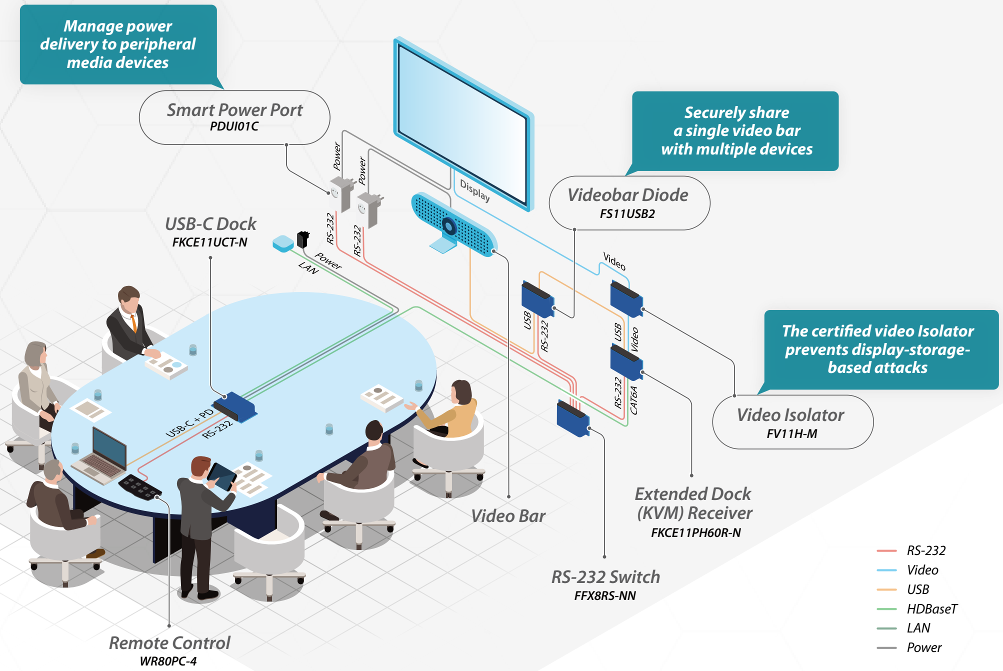
Share a single set of peripherals across multiple air-gapped networks and classification levels. HSL's NIAP-certified KVMs enforce absolute data isolation, making data leakage between sources impossible.

COMPREHENSIVE VIDEO AND AUDIO DIODES -

Eliminate hardware-level data breaches with HSL's media diodes. These create a physically enforced, unidirectional data path, making it impossible for data to leak back from a media device to the source computer. Safely share the peripheral equipment among meetings and networks of different classification levels.

SMART POWER MANAGEMENT -

Instantly harden meeting room security by cutting power to vulnerable peripherals like displays and video bars. This offers a true hardware disconnect, a level of security that simply muting a device cannot provide.



Manage power delivery to peripheral media devices

Smart Power Port
PDUI01C

Securely share a single video bar with multiple devices

Videobar Diode
FS11USB2

USB-C Dock
FKCE11UCT-N

The certified video Isolator prevents display-storage-based attacks

Video Isolator
FV11H-M

Video Bar

Extended Dock (KVM) Receiver
FKCE11PH60R-N

RS-232 Switch
FFX8RS-NN

Remote Control
WR80PC-4

HARDEN ANY MEETING ROOM,
SECURE EVERY CONVERSATION.

The SoundSentry solution provides the definitive form of protection by physically hardening any meeting room.

This creates a secure environment where equipment can be shared across spaces of varying sizes and classification levels. By eliminating vulnerabilities at the source, it guarantees that both classified and unclassified meetings can occur without the risk of data leaks.

To see examples of various room configurations, visit the SoundSentry solution page:

THE SOUNDSENTRY FAMILY
OF SECURE PRODUCTS

VIDEOBAR DIODES

Creates a one-way, filtered path for A/V only, isolating the video bar from all network devices and blocking any non-media data. Safely share a video bar among multiple computer sources.

MINI-MATRIX / ULTRA MINI-MATRIX

Securely interact with multiple computers with one keyboard, mouse, and dual 4K monitors. NIAP PP4.0 certified for maximum security.

SMART POWER PORT

Enable/disable power delivery to conferencing devices using remote controls.

REMOTE CONTROLS

Instantly switch between security presets, manage input sources, and configure multiview layouts.

TAA\BAA USB-C DESKTOP DOCKING SOLUTIONS

Connect peripherals locally or at a distance. USB-C docking stations and extenders provide flexible setups, supporting peripheral access at up to 100m.

RS-232 SWITCH

Allows a single remote control to manage multiple RS-232 devices.

NIAP CERTIFIED VIDEO ISOLATORS

Enforce a unidirectional data flow from the computer to peripherals, eliminating threats from compromised devices.

TYPICAL MEETING ROOMS
VULNERABILITIES

The convergence of networks, guest devices, and intelligent AV technology makes the modern meeting room a prime target for cyber threats. Each connection point is a potential vector for malware, every remote session is a risk for interception, and every piece of hardware is a potential attack surface.

NETWORK INFILTRATION

Compromised guest devices gain direct access to secure organizational networks by exploiting KVM switch and peripheral device vulnerabilities.

PERIPHERAL DEVICE EXPLOITATION

Microphones, speakers, displays and cameras can be exploited for persistent eavesdropping, malicious code injection and data exfiltration.

ACOUSTIC HACKING

Speakers transmit undetected high-frequency audio signals to exfiltrate data.

SECURITY FEATURES

- Audio streams are protected by a low-pass filter preventing high frequency data breaches.
- Unidirectional data flow prevents data breaches through peripheral devices and the retasking of audio speakers as microphones. Optical data diodes prevent mixing data between sources, including guest computers.
- Immune to wireless hacking attempts.
- No back-up batteries – information cannot be stored in a device for delayed exfiltration.
- Normally closed Videobar Diode prevents inadvertent audio and video transmissions.
- Remote controlled Smart Power Port cuts power to the video bar, display and Videobar Diode, depending on the classification level of the meeting.
- Holographic anti-tamper labels.
- TAA & BAA compliant secure supply chain and manufacturing prevent zero-day supply chain attacks.

HIGH SEC LABS (HSL)

DEVELOPS HIGH-QUALITY CYBER-DEFENSE SOLUTIONS FOR PROTECTING NATIONAL ASSETS AND INFRASTRUCTURE IN THE FIELD OF NETWORK AND PERIPHERAL ISOLATION.

NIAP®

TRADE AGREEMENTS ACT ★ TAA COMPLIANT

BAA COMPLIANT

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