SoundSentry™

SECURE MEETING ROOM SOLUTIONS

USE CASES

SoundSentry™ is fully scalable to accommodate different room sizes holding varying classification level meetings, using the same meeting room equipment

HLT37653 Rev. 1.3

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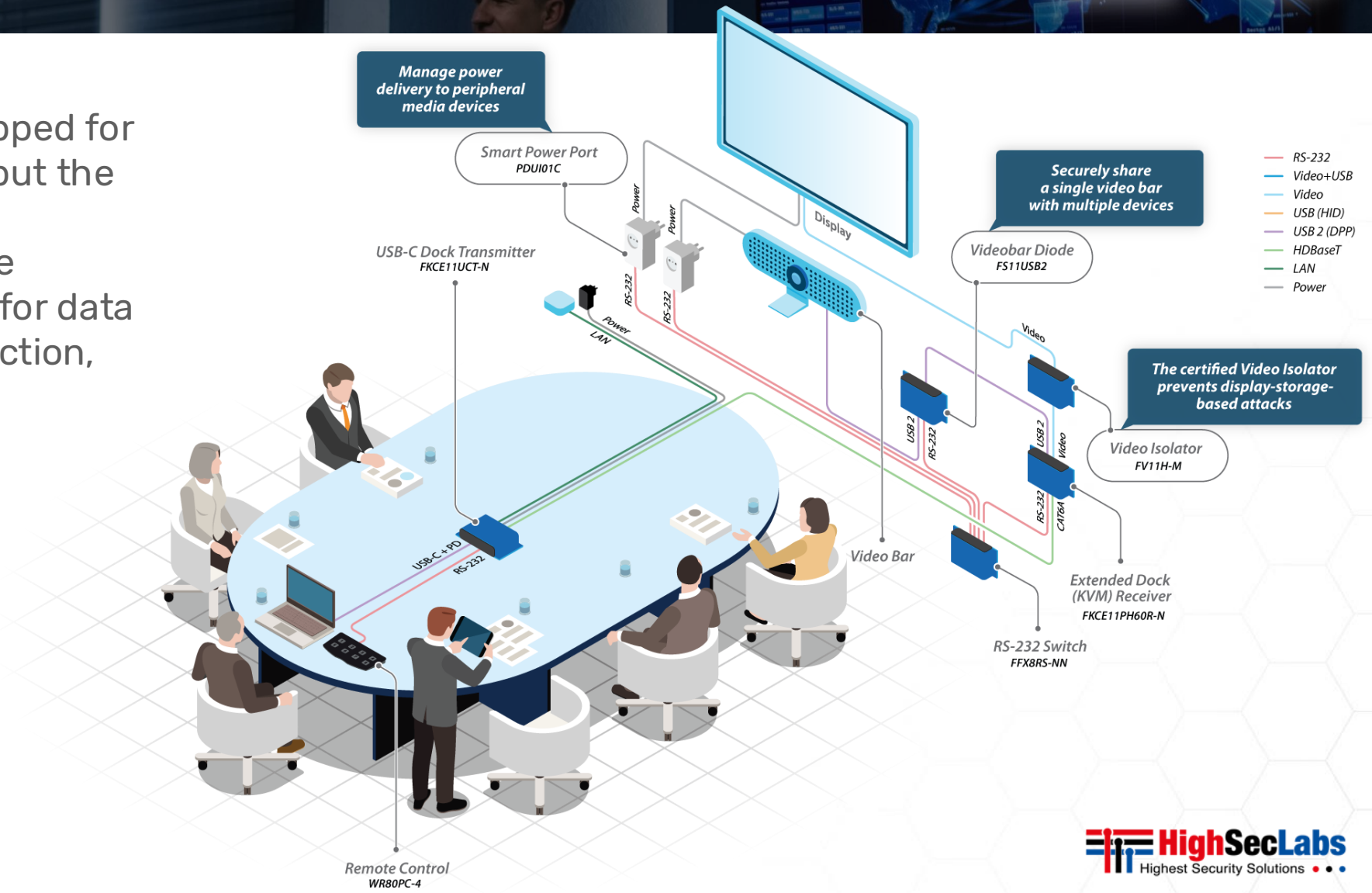
SECURE
MEETING ROOM

Manufactured under a secure TAA/BAA compliant supply chain

Meeting rooms are equipped for seamless collaboration but the display and video bar vulnerabilities turn those peripherals into proxies for data extraction, malware injection, and eavesdropping.



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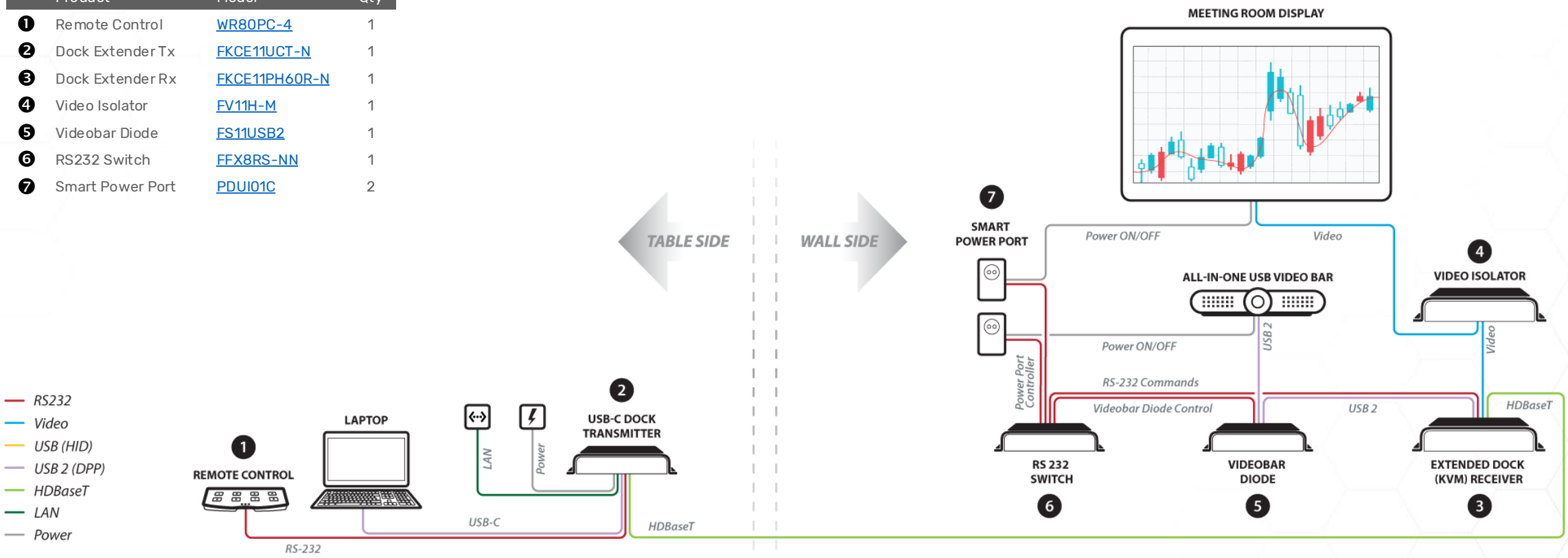
SECURE
MEETING ROOM WIRING DIAGRAM

	Product	Model	Qty
❶	Remote Control	WR80PC-4	1
❷	Dock Extender Tx	FKCE11UCT-N	1
❸	Dock Extender Rx	FKCE11PH60R-N	1
❹	Video Isolator	FV11H-M	1
❺	Videobar Diode	FS11USB2	1
❻	RS232 Switch	FFX8RS-NN	1
❼	Smart Power Port	PDUI01C	2



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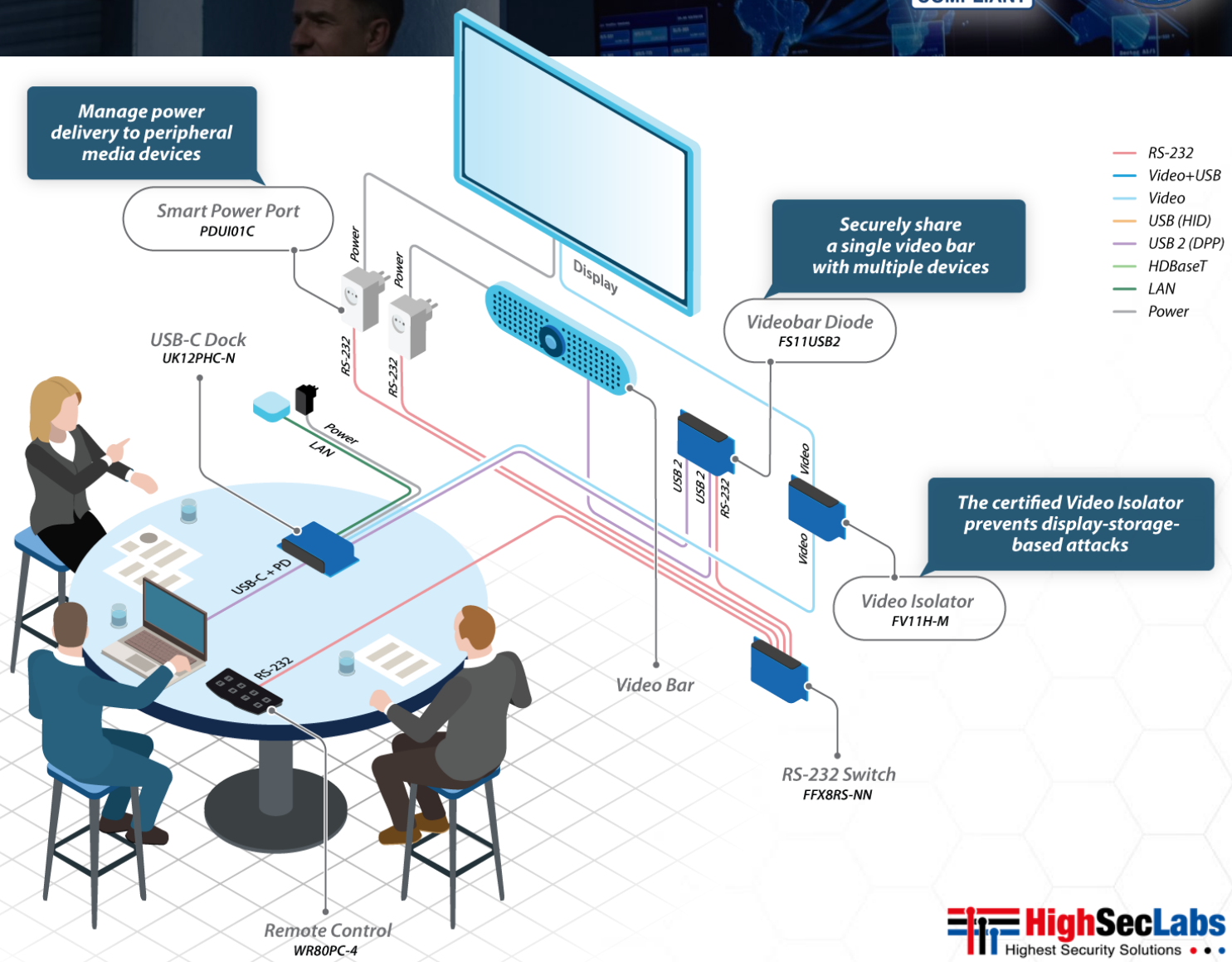
SECURE
HUDDLE ROOM

Manufactured under a secure TAA/BAA compliant supply chain

Huddle rooms are designed for quick collaboration, but their simple tech (display, camera, and guest USB-C port) presents significant security risks for malware, data extraction and eavesdropping.



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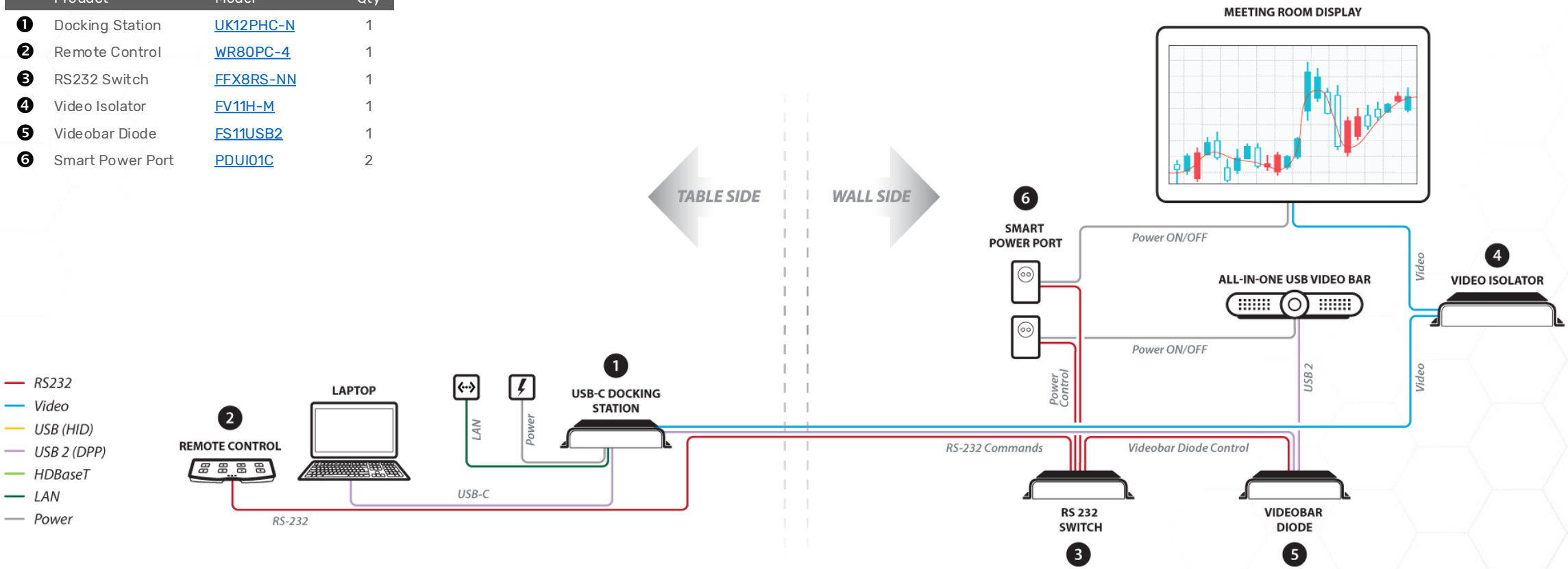
SECURE
HUDDLE ROOM WIRING DIAGRAM

	Product	Model	Qty
❶	Docking Station	UK12PHC-N	1
❷	Remote Control	WR80PC-4	1
❸	RS232 Switch	FFX8RS-NN	1
❹	Video Isolator	FV11H-M	1
❺	Videobar Diode	FS11USB2	1
❻	Smart Power Port	PDUI01C	2



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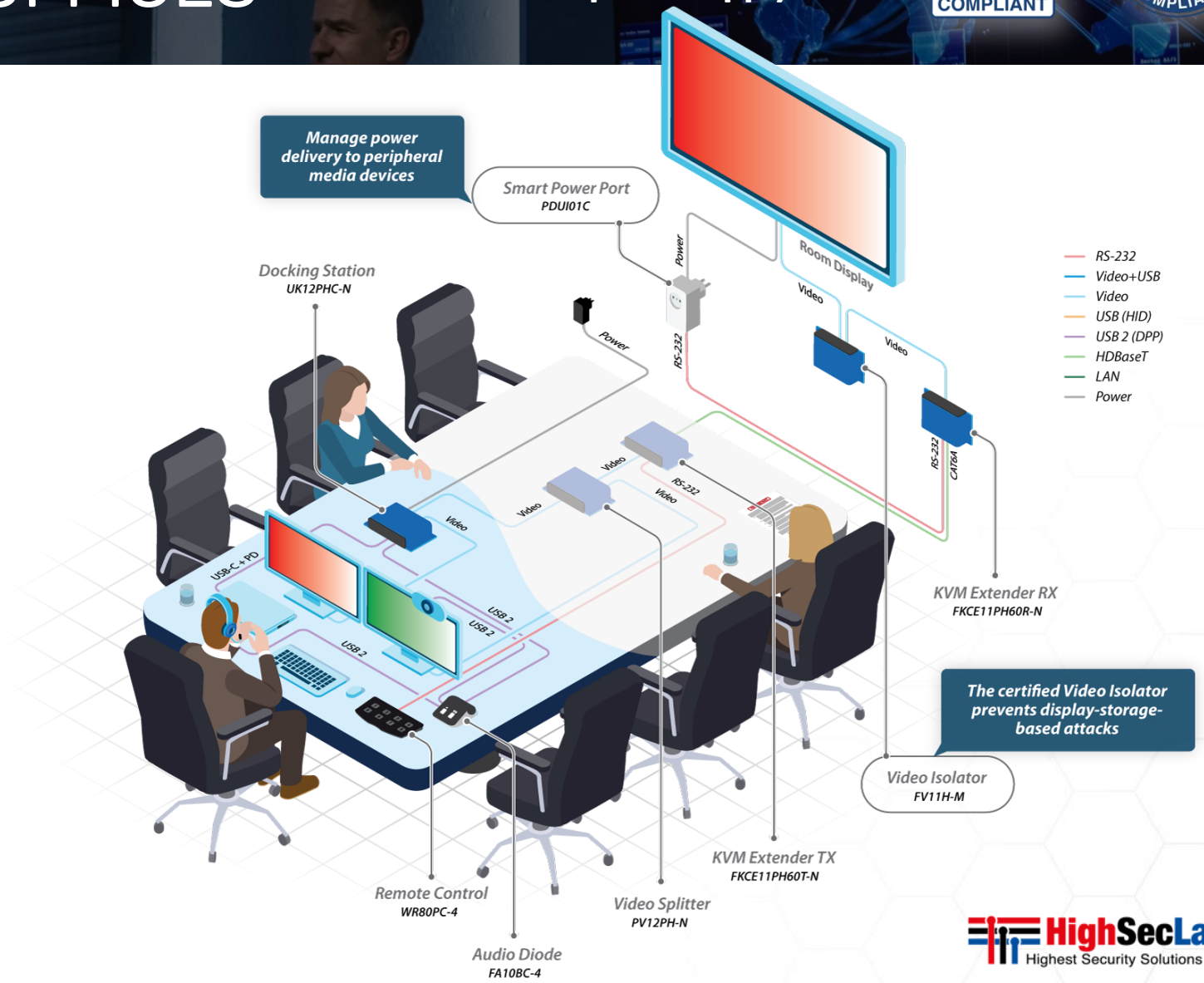
SECURE
BASIC EXECUTIVE OFFICES

Manufactured under a secure TAA/BAA compliant supply chain

Executive-office security focuses on blocking guest devices. However, the executive's own tech (multiple monitors, a webcam, and a headset) introduces vulnerabilities for data breaches and eavesdropping.



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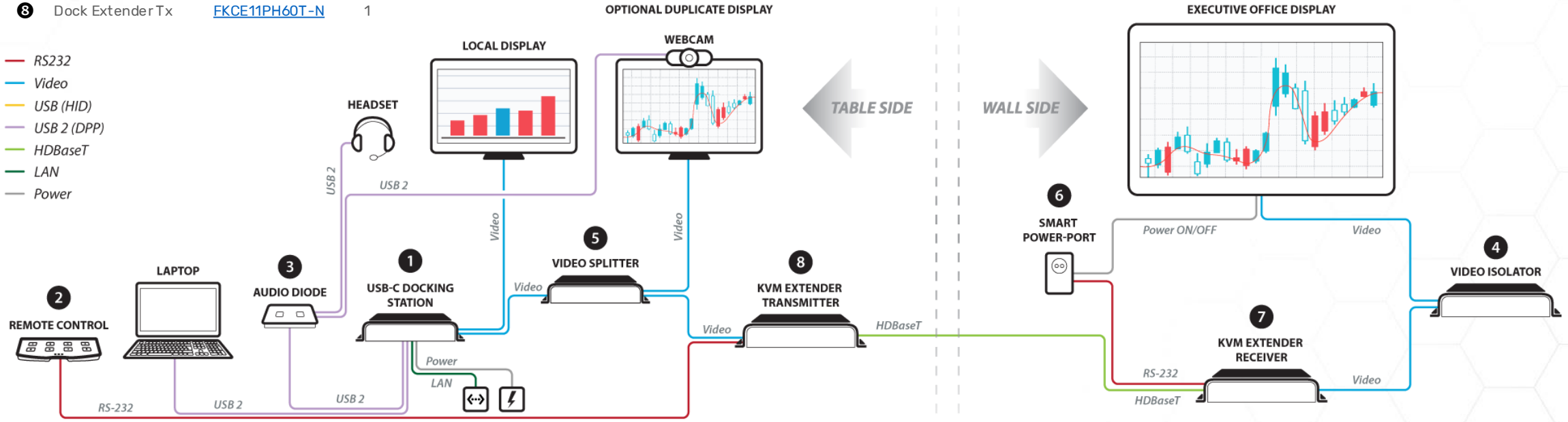
SECURE
BASIC EXECUTIVE OFFICE WIRING DIAGRAM

	Product	Model	Qty
❶	Docking Station	UK12PHC-N	1
❷	Remote Control	WR80PC-4	1
❸	Audio Diode	FA10BC-4	1
❹	Video Isolator	FV11H-M	1
❺	Video Splitter	PV12PH-N	1
❻	Smart Power Port	PDUI01C	1
❼	Dock Extender Rx	FKCE11PH60R-N	1
❽	Dock Extender Tx	FKCE11PH60T-N	1



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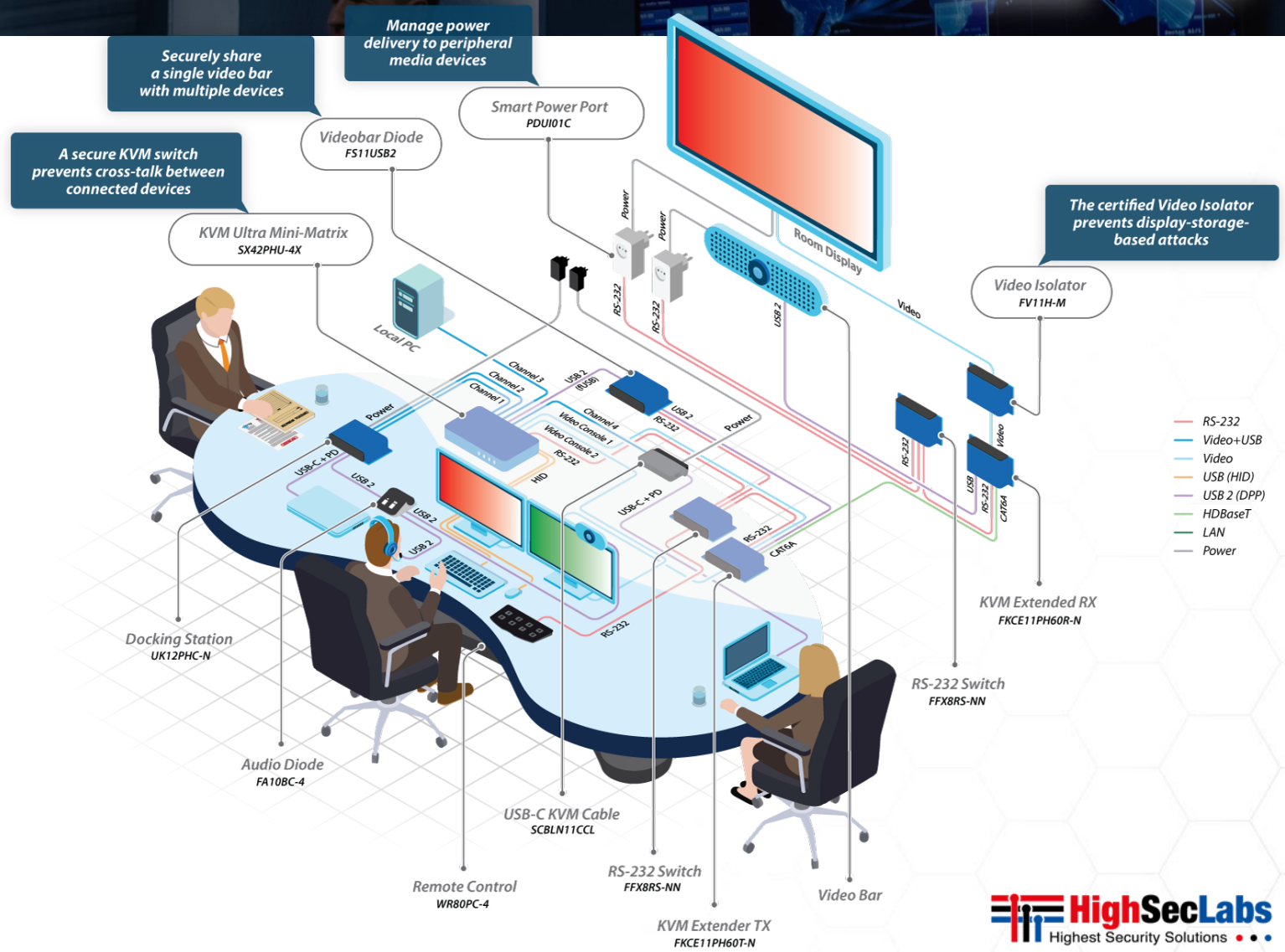
SECURE
STANDARD EXECUTIVE OFFICE

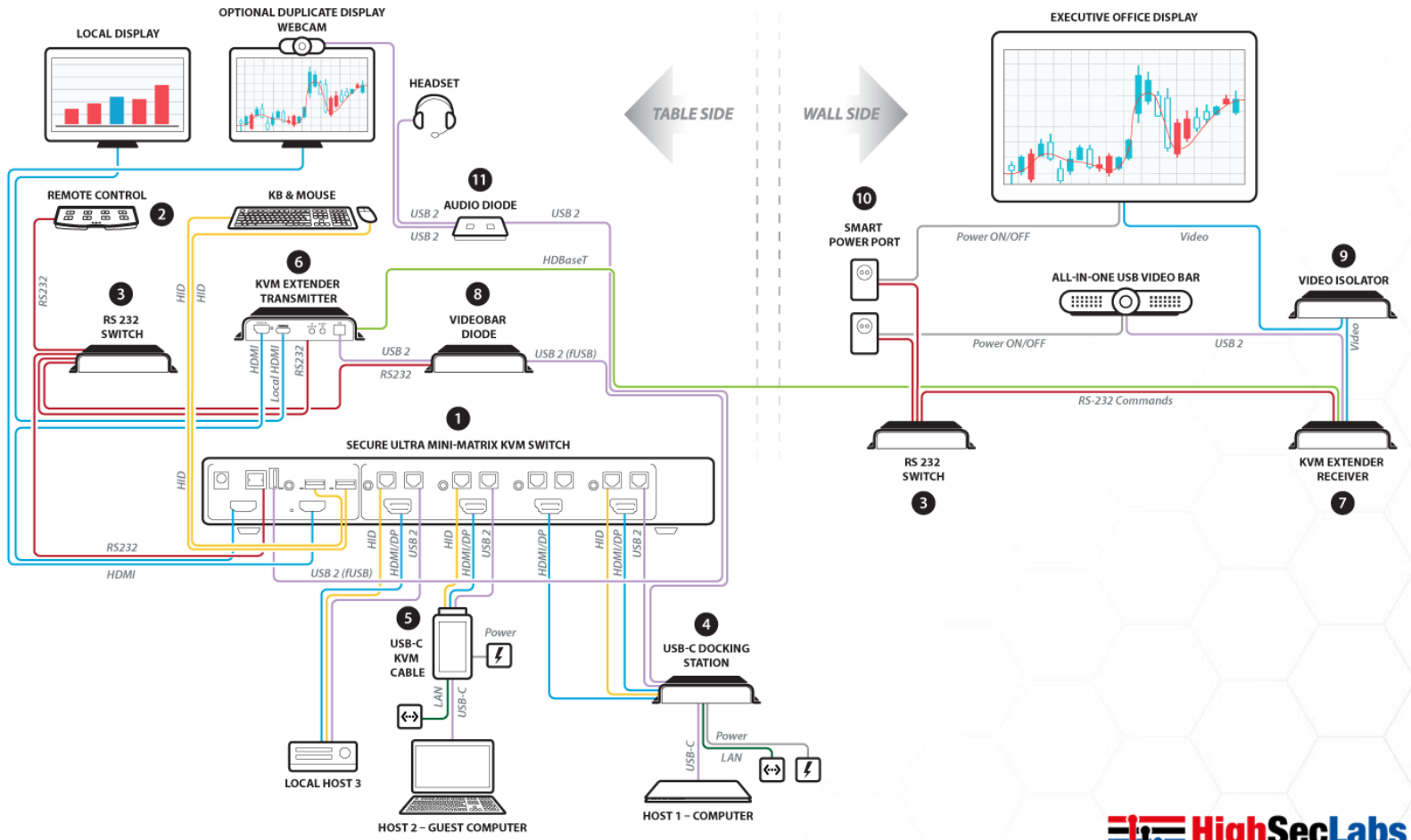
Manufactured under a secure TAA/BAA compliant supply chain

Designed for versatility, the senior executive office's core features introduce serious security flaws.
Support for simultaneous inputs from a guest, the executive, and classified network devices creates a direct path for malware and data breaches. Likewise, its video bar and dedicated peripherals are prime targets for exploitation.



SECURE
STANDARD EXECUTIVE OFFICES WIRING DIAGRAM

	Product	Model	Qty
❶	Secure Ultra MM KVM Switch	SX42PHU-4X	1
❷	Remote Control	WR80PC-4	1
❸	RS232 Switch	FFX8RS-NN	2
❹	Docking Station	UK12PHC-N	1
❺	USB-C KVM DH Cable	DCBLN12CCL	1
❻	Extender Tx	FKCE11PH60T-N	1
❼	Extender Rx	FKCE11PH60R-N	1
❽	Videobar Diode	FS11USB2	1
❾	Video Isolator	FV11H-M	1
❿	Smart Power Port	PDUI01C	2
⓫	Audio Diode	FA10BC-4	1



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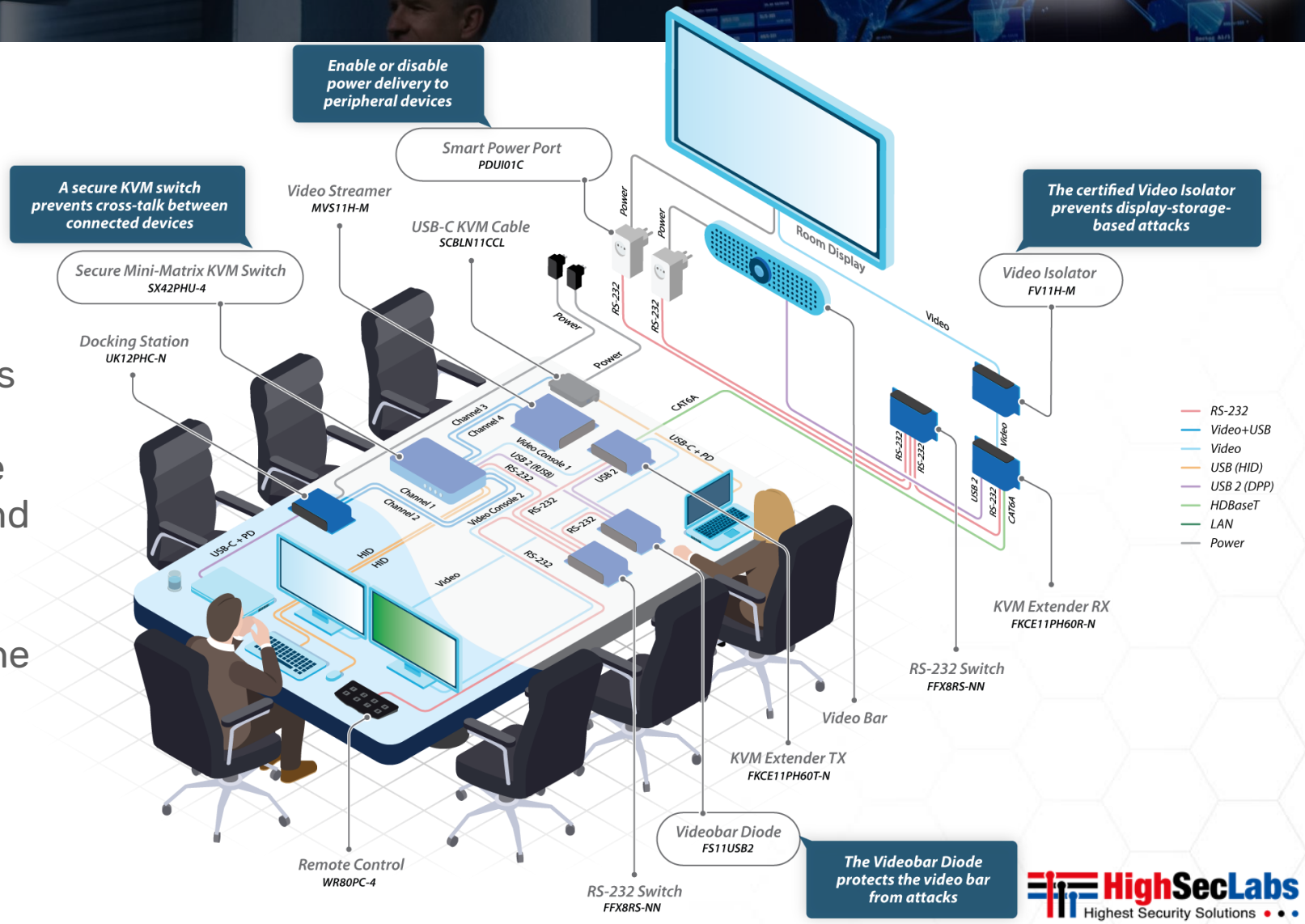
SECURE
SENIOR EXECUTIVE OFFICE

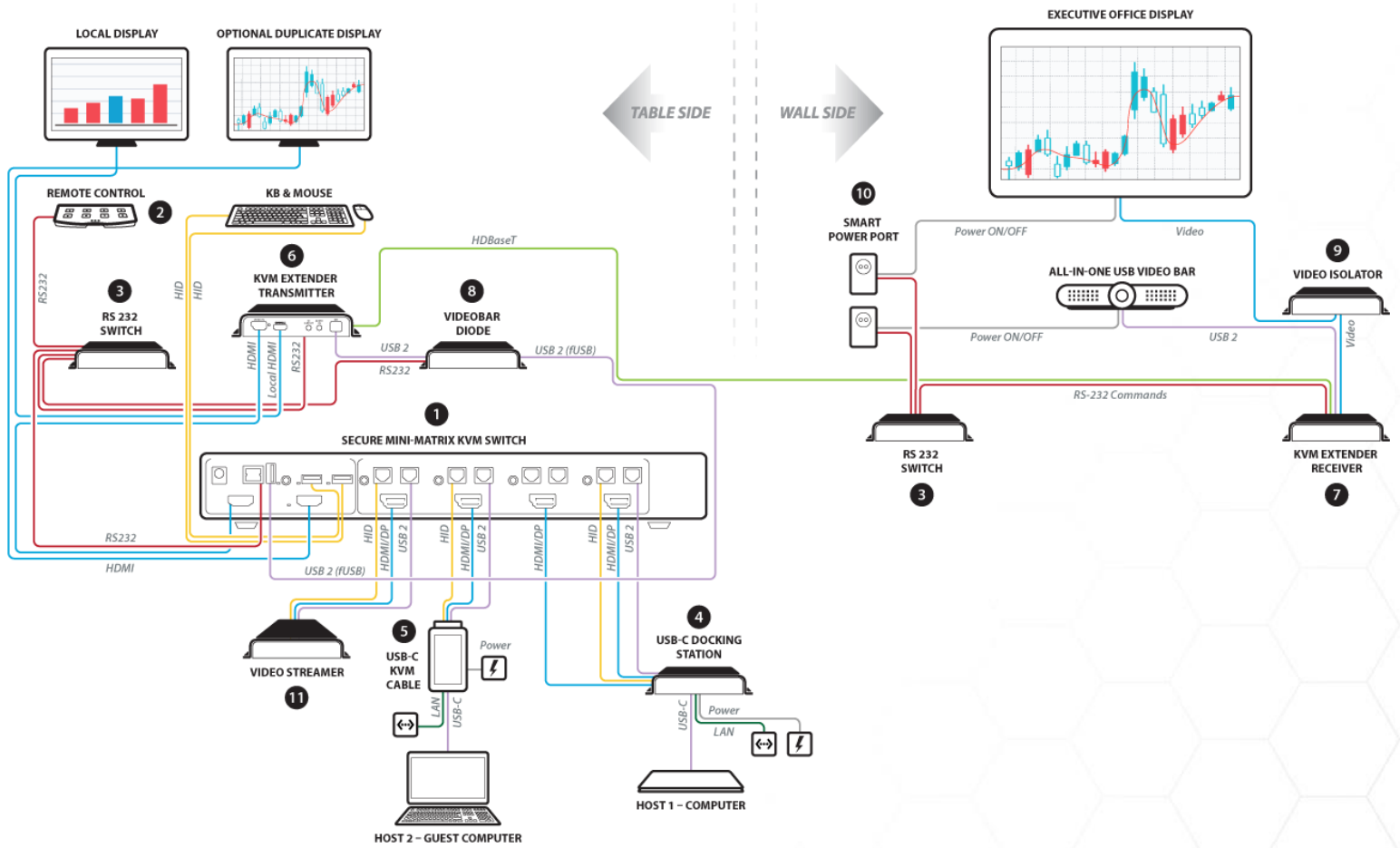
Manufactured under a secure TAA/BAA compliant supply chain

Blending a private workspace with a meeting room, the executive suite's design creates vulnerabilities. The executive works on private displays while guest content is presented, creating a high-value target for attackers. The guest connection, displays, and video bar are potential attack vectors for malicious code injection, data leakage from the executive's private screens, and eavesdropping on confidential conversations.



SECURE
SENIOR EXECUTIVE OFFICE WIRING DIAGRAM

	Product	Model	Qty
❶	Secure Mini-Matrix KVM	SX42PHU-4	1
❷	Remote Control	WR80PC-4	1
❸	RS232 Switch	FFX8RS-NN	2
❹	Docking Station	UK12PHC-N	1
❺	USB-C KVM SH Cable	SCBLN11CCL	1
❻	Extender Tx	FKCE11PH60T-N	1
❼	Extender Rx	FKCE11PH60R-N	1
❽	Videobar Diode	FS11USB2	1
❾	Video Isolator	FV11H-M	1
❿	Smart Power Port	PDUI01C	2
⓫	Video Streamer	MVS11H-M	1



RS232
Video
USB (HID)
USB 2 (DPP)
HDBaseT
LAN
Power

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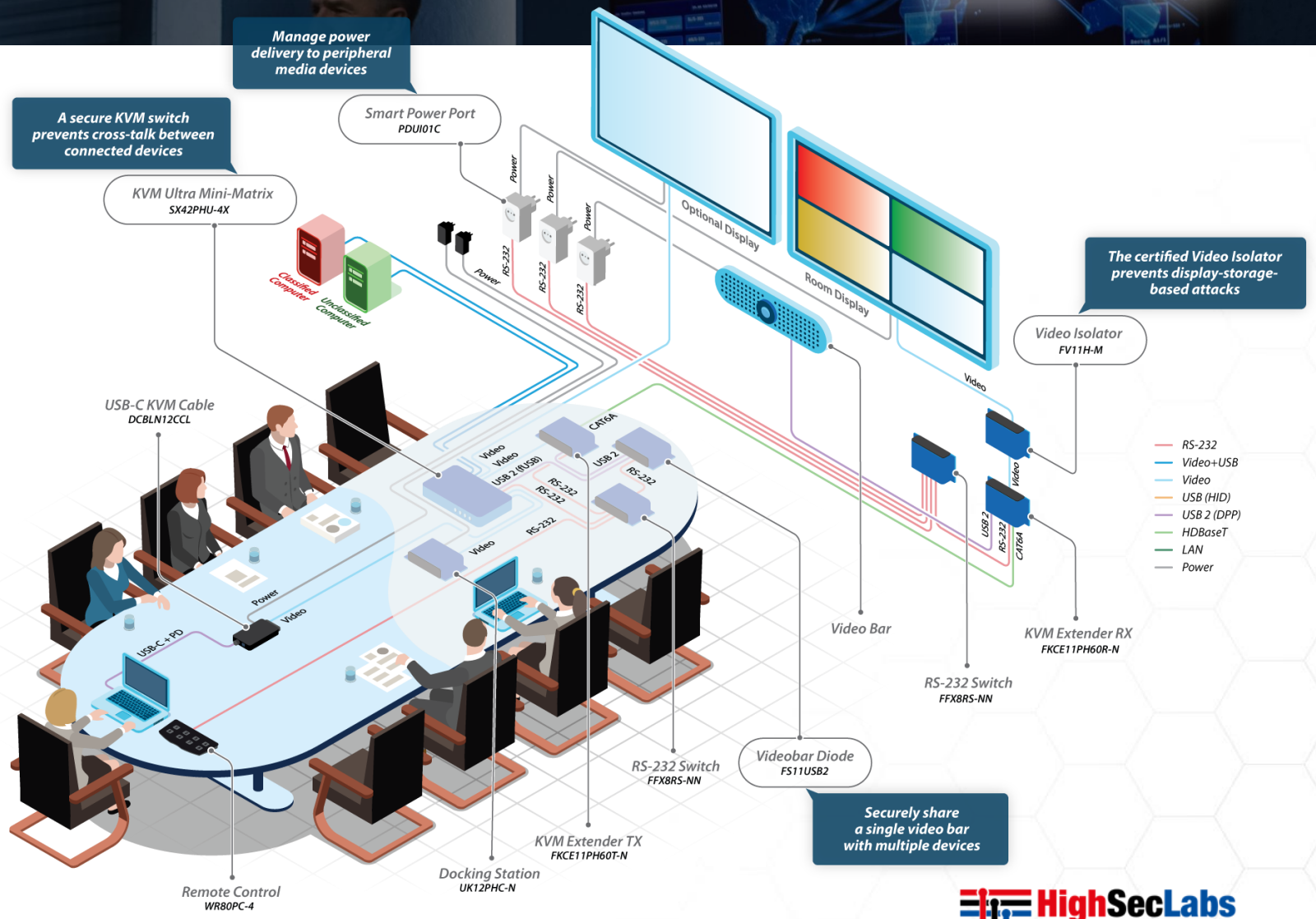
SECURE
BOARD ROOM

Manufactured under a secure TAA/BAA compliant supply chain

A boardroom is specifically designed for formal gatherings of senior leadership and other high-level decision-making teams. The room is typically equipped with at least two guest laptop connections, one or two local PCs connected to separate classified networks, two presentation displays, and a video bar supporting virtual meetings. This setting is an attractive hacking target, using the vulnerabilities of peripherals and multiple network connections as attack vectors.



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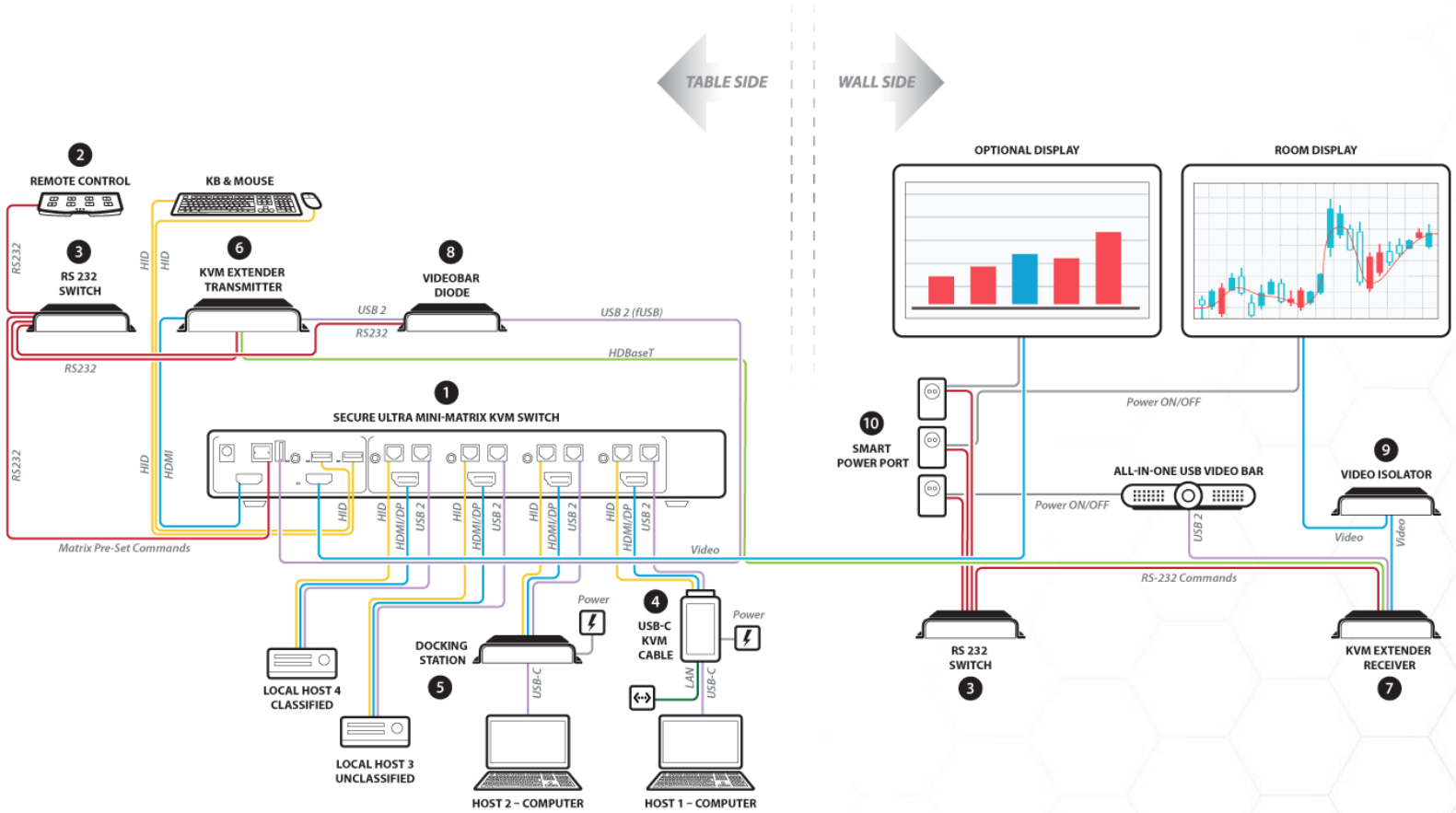
SECURE
BOARD ROOM WIRING DIAGRAM

	Product	Model	Qty
❶	Secure Ultra MM KVM Switch	SX42PHU-4X	1
❷	Remote Control	WR80PC-4	1
❸	RS232 Switch	FFX8RS-NN	2
❹	USB-C KVM DH Cable	DCBLN12CCL	1
❺	Docking Station	UK12PHC-N	1
❻	Extender Tx	FKCE11PH60T-N	1
❼	Extender Rx	FKCE11PH60R-N	1
❽	Videobar Diode	FS11USB2	1
❾	Video Isolator	FV11H-M	1
❿	Smart Power Port	PDUI01C	3



RS232
Video
USB (HID)
USB 2 (DPP)
HDBaseT
LAN
Power

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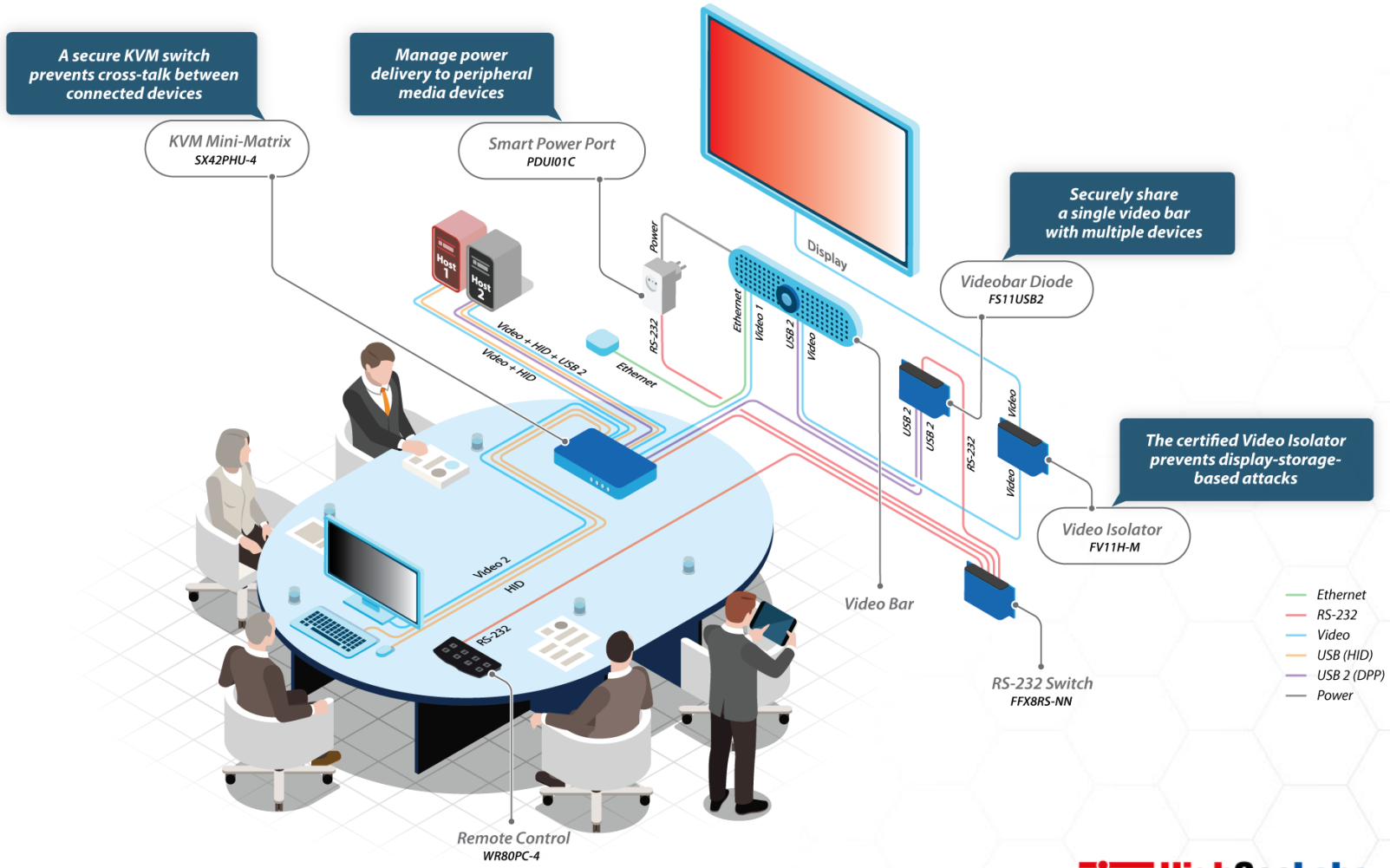
SECURE CONFERENCING
SYSTEM W/ INTERNAL CLIENT

Manufactured under a secure TAA/BAA compliant supply chain

Modern meeting rooms rely on commercial conferencing systems that include an embedded computing client — and this client is often the weakest point in the entire environment. With active internet access and unrestricted connectivity to displays and multiple host devices, it becomes a high-value target for attackers.



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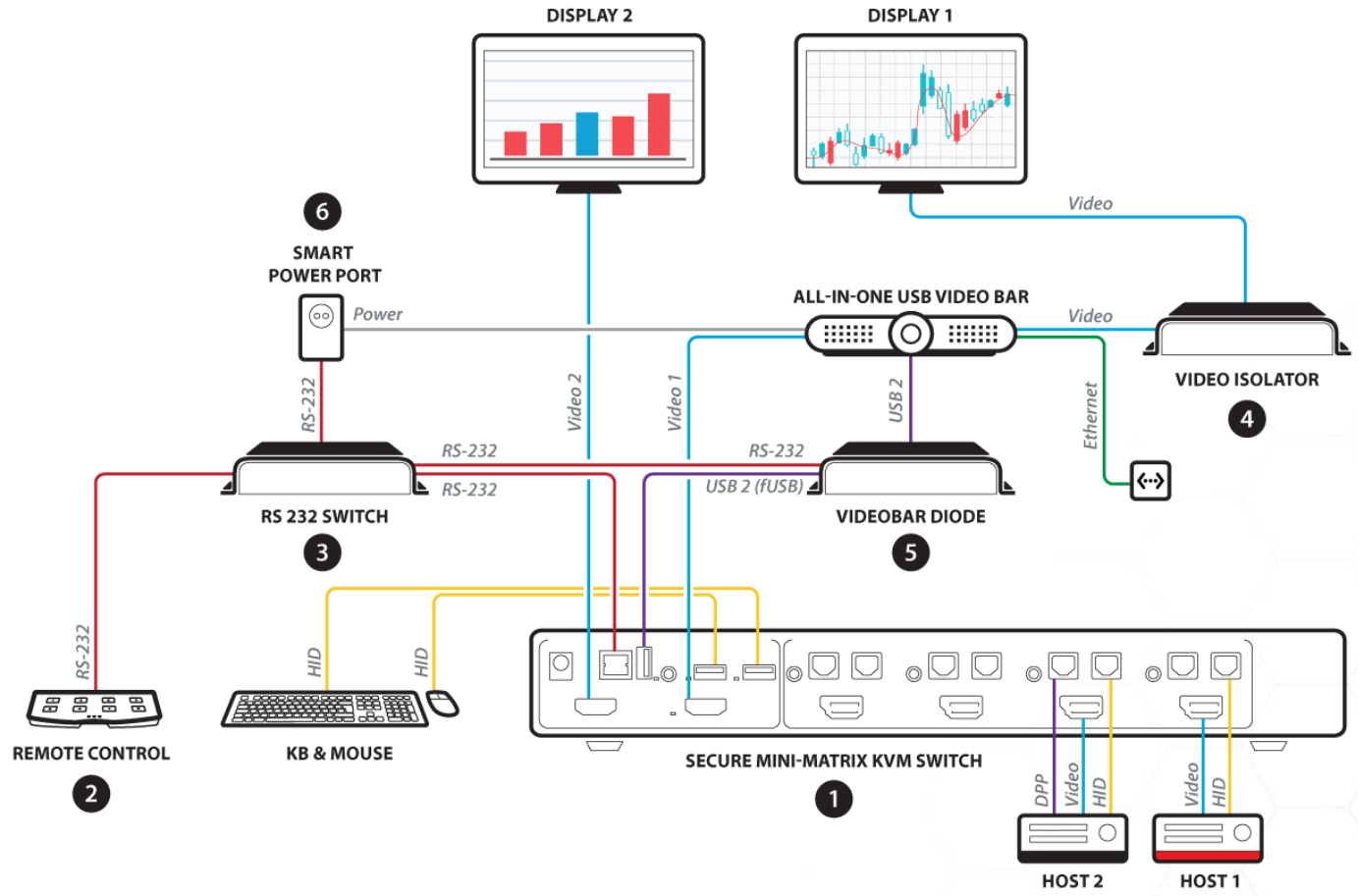
SECURE CONFERENCING SYSTEM
W/ INTERNAL CLIENT WIRING DIAGRAM

	Product	Model	Qty
❶	Secure Mini-matrix KVM Switch	SX42PHU-4	1
❷	Remote Control	WR80PC-4	1
❸	RS232 Switch	FFX8RS-NN	1
❹	Video Isolator	FV11PH-M	1
❺	Videobar Diode	FS11USB2	1
❻	Smart Power Port	PDUI01C	1



- *Ethernet*
- *RS232*
- *Video*
- *USB (HID)*
- *USB 2 (DPP)*
- *Power*

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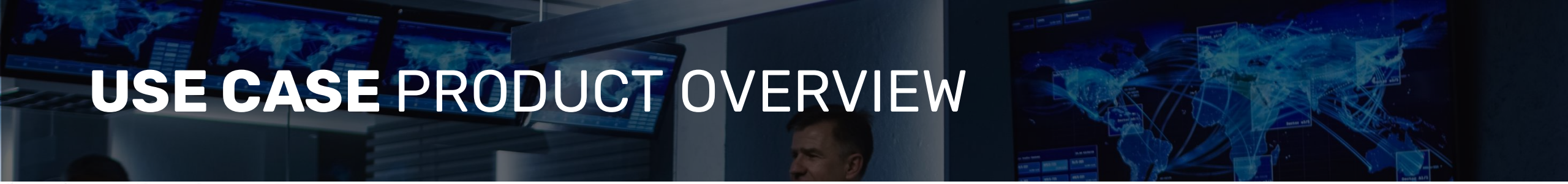

USE CASE PRODUCT OVERVIEW

PN	Model	Description	Meeting Room	Huddle Room	Basic Executive Office	Standard Executive Office	Senior Executive Office	Boardroom	Videobar w/ Internal Client
CPN35428	FFX8RS-NN	**RS232 switcher 8 ports**	1	1		2	2	2	1
CPN35322	FS11USB2	**Videobar Diode USB 2.0 mountable**	1	1		1	1	1	1
CPN35435	PDUI01C	**Managed power port**	2	2	1	2	2	3	1
CPN33179	SX42PHU-4X	**Secure meeting room Ultra Mini Matrix, 4:2**				1		1	
CPN37155	FKCE11UC60-N	**USB-C extended dock Tx + Rx**	1		1	1	1	1	
CPN31361	WR80PC-4	**8P programable RGB remote control**	1	1	1		1	1	1
CPN19263	SX42PHU-4	**Secure mini matrix**					1		1
CPN30833	UK12PHC-N	**USB-C docking station**		1	1	1	1	1	
CPN24279	DCBLN12CCL	**Cable bump dual head**				1	1	1	
CPN20663	FV11H-M	**Secure 1-port video isolator HDMI**		1	1	1	1	1	1
CPN22569	FA10BC-4	**AD USB to analog with mic. and cam.**			1	1	1		
CPN28270	PV12PH-N	**2-port video splitter**			1				

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Thank You

For more info:

www.highseclabs.com | info@highseclabs.com

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