

UNCLASSIFIED

SoundSentry™

SECURE MEETING ROOM SOLUTIONS

USE CASES

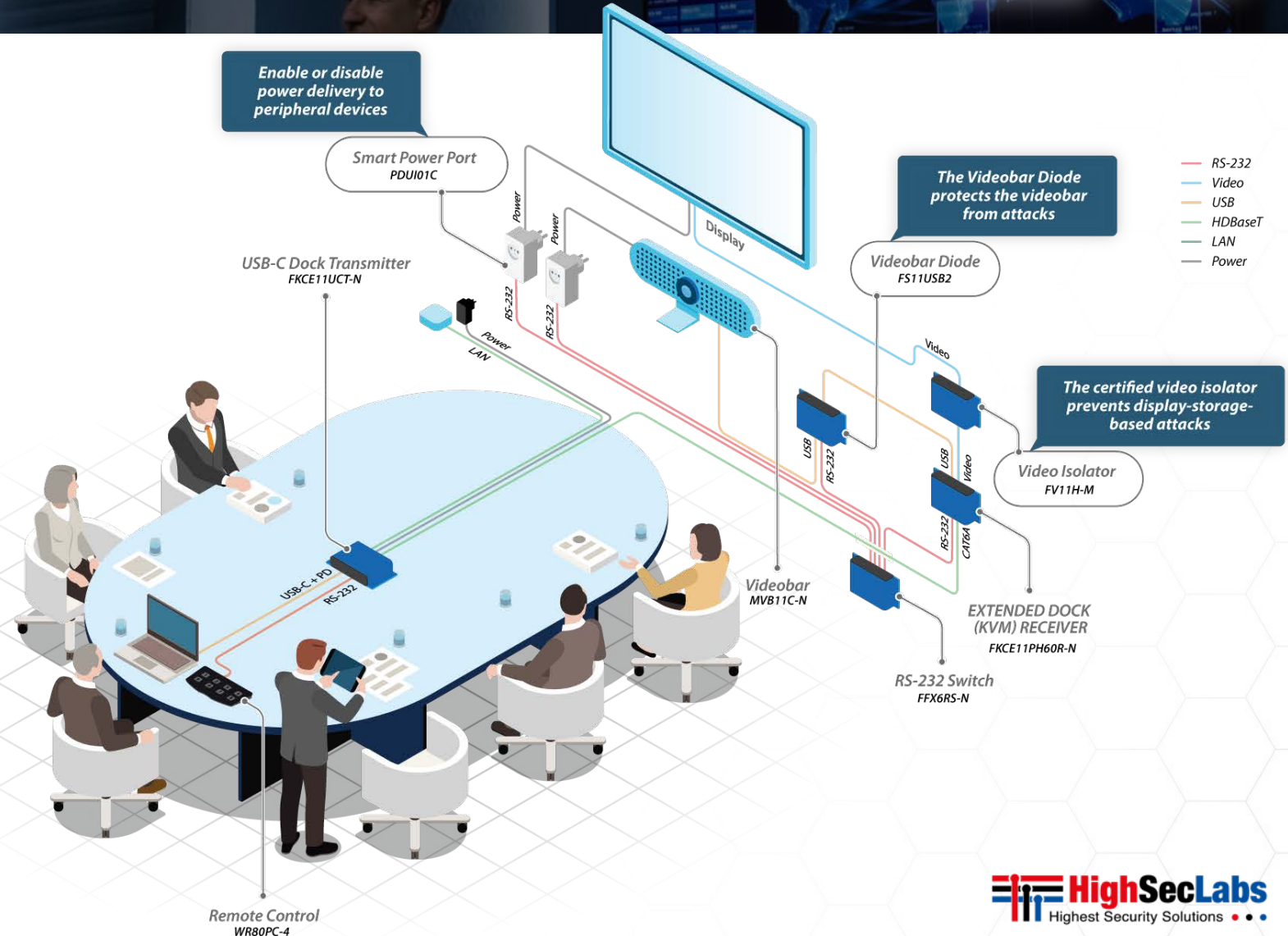
SoundSentry™ is fully scalable to accommodate a range of environments.

SECURE MEETING ROOM

Manufactured under
a secure TAA/BAA
compliant supply chain



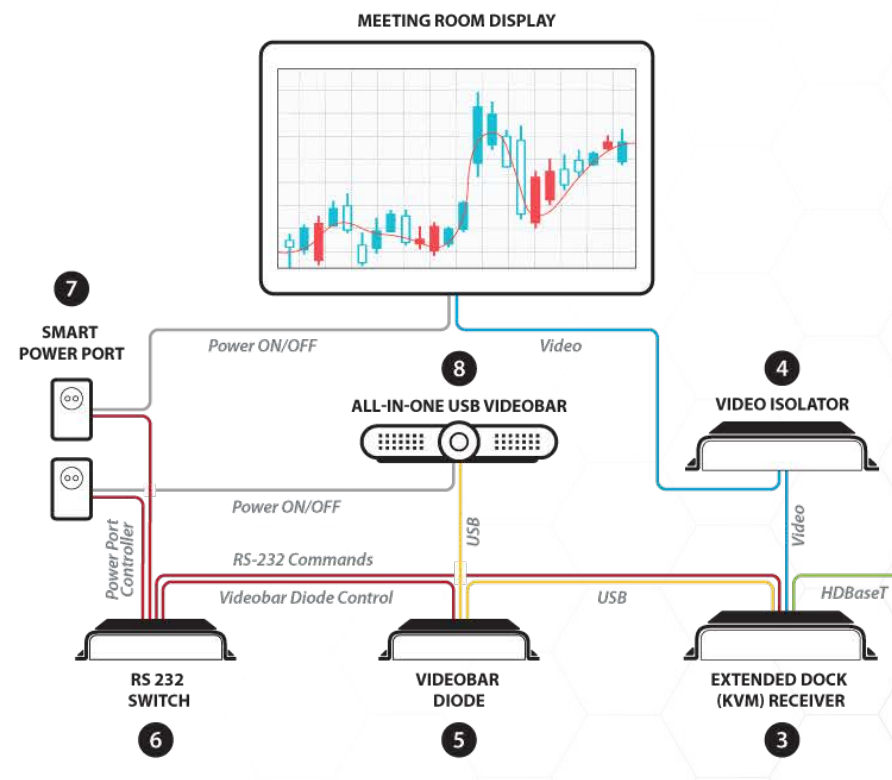
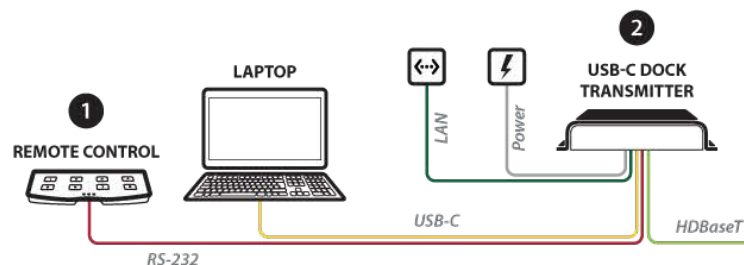
Meeting rooms are equipped for seamless collaboration but the display and Videobar vulnerabilities turn those peripherals into proxies for data extraction, malware injection, and eavesdropping.



SECURE MEETING ROOM WIRING DIAGRAM

	Product	Model	Qty
1	Remote Control	WR80PC-4	1
2	Dock Extender Tx	FKCE11UCT-N	1
3	Dock Extender Rx	FKCE11PH60R-N	1
4	Video Isolator	FV11H-M	1
5	Videobar Diode	FS11USB2	1
6	RS232 Switch	FFX6RS-N	1
7	Smart Power Port	PDUI01C	2
8	Videobar	MVB11C-N	1

— RS232
 — Video
 — USB
 — HDBaseT
 — LAN
 — Power

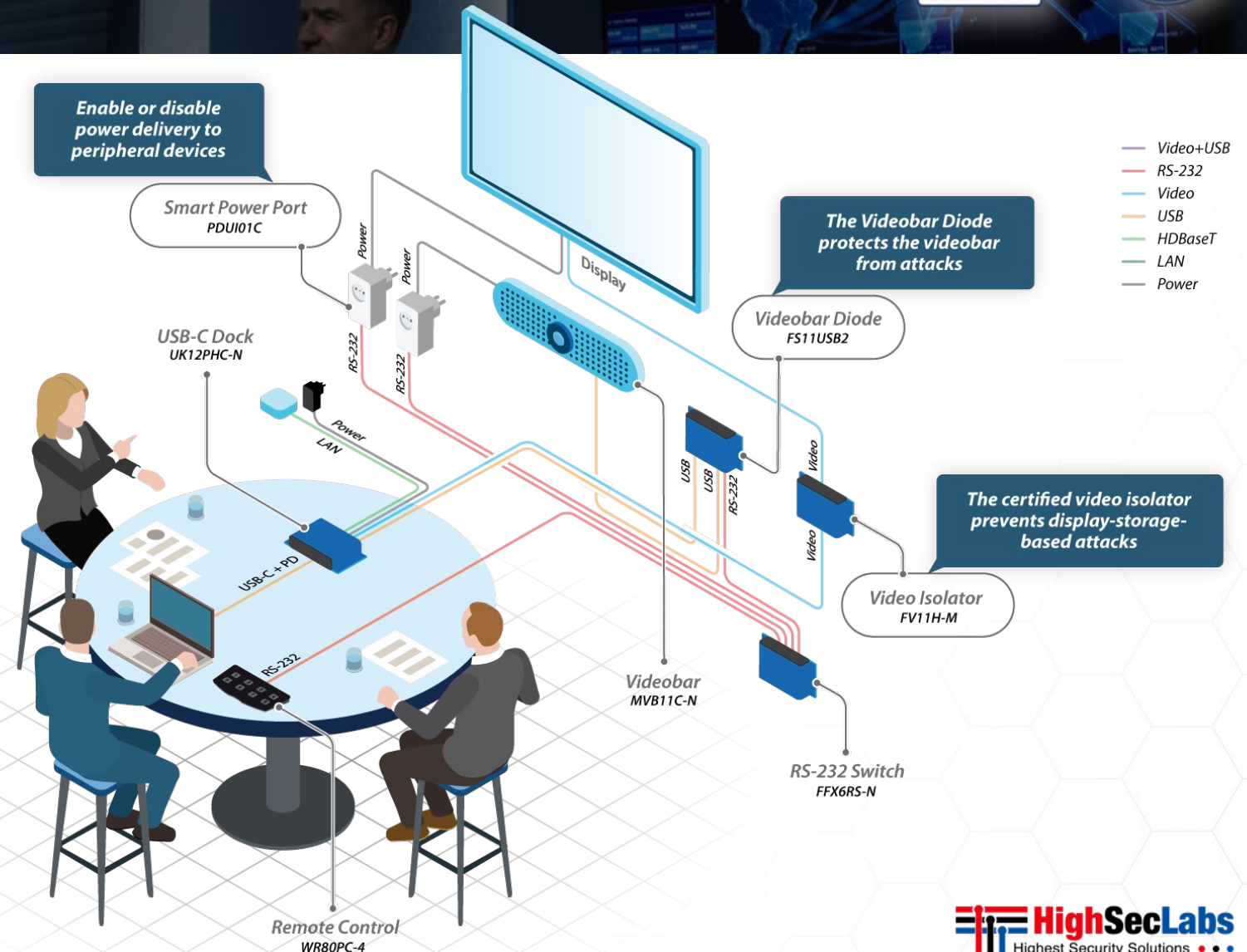


SECURE HUDDLE ROOM

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compliant supply chain



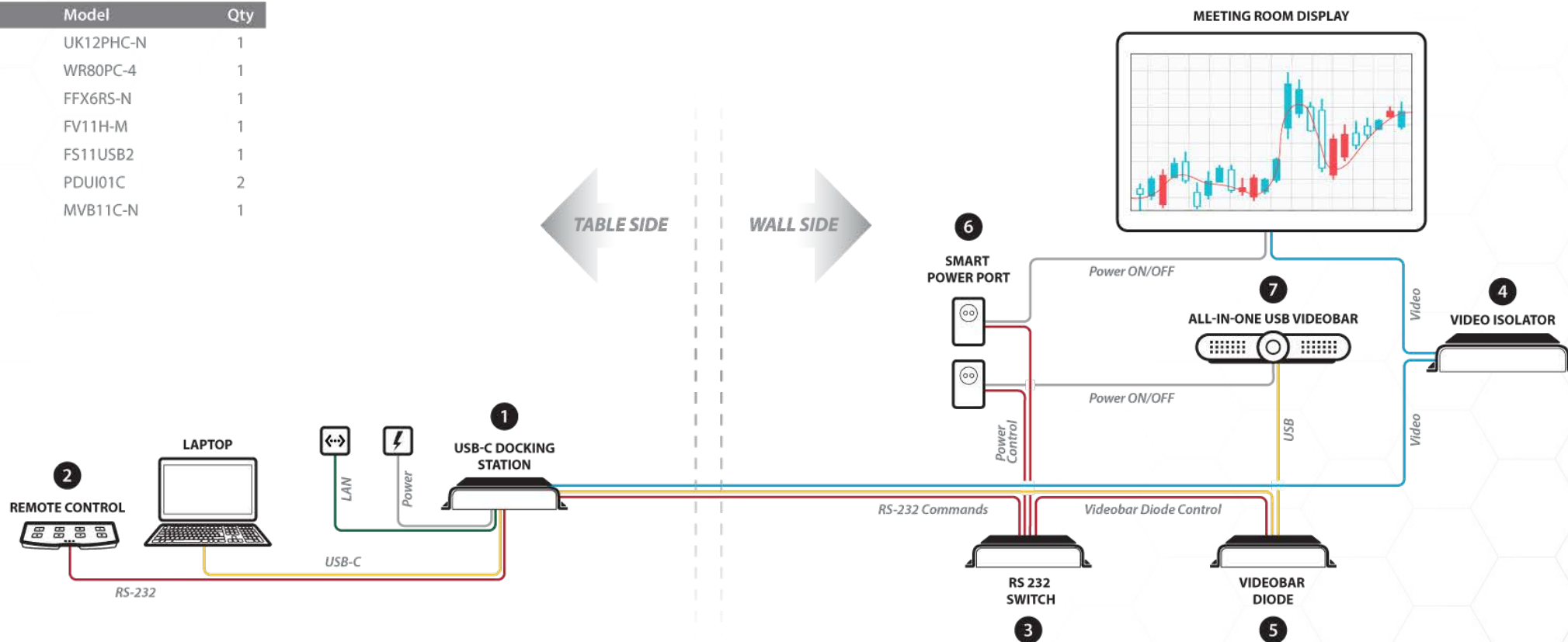
Huddle rooms are designed for quick collaboration, but their simple tech (display, camera, and guest USB-C port) presents significant security risks for malware, data extraction and eavesdropping.



SECURE HUDDLE ROOM WIRING DIAGRAM

	Product	Model	Qty
❶	Docking Station	UK12PHC-N	1
❷	Remote Control	WR80PC-4	1
❸	RS232 Switch	FFX6RS-N	1
❹	Video Isolator	FV11H-M	1
❺	VideoBar diode	FS11USB2	1
❻	Smart Power Port	PDU101C	2
❼	VideoBar	MVB11C-N	1

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 — LAN
 — Power

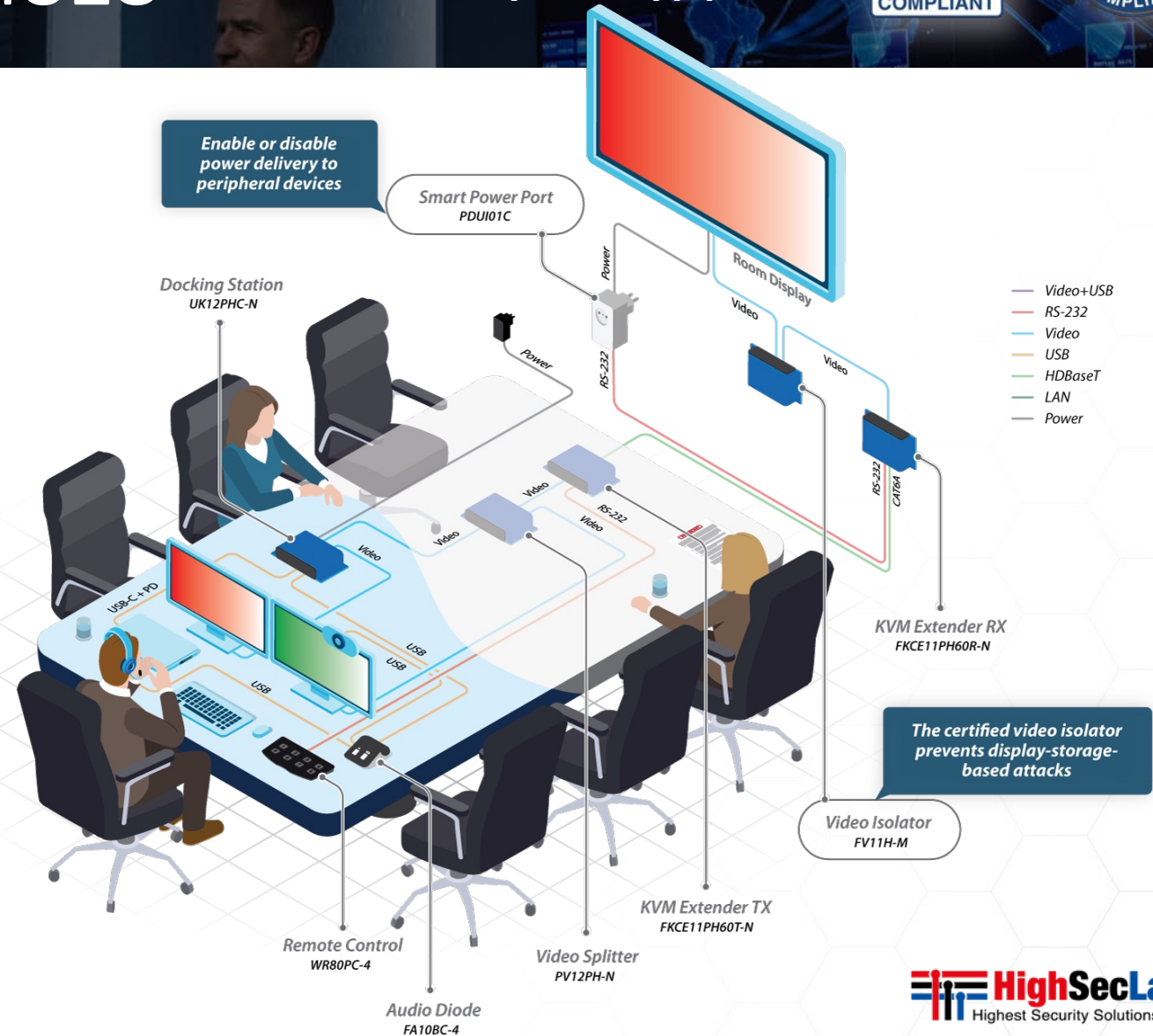


SECURE BASIC EXECUTIVE OFFICES

Manufactured under
a secure TAA/BAA
compliant supply chain

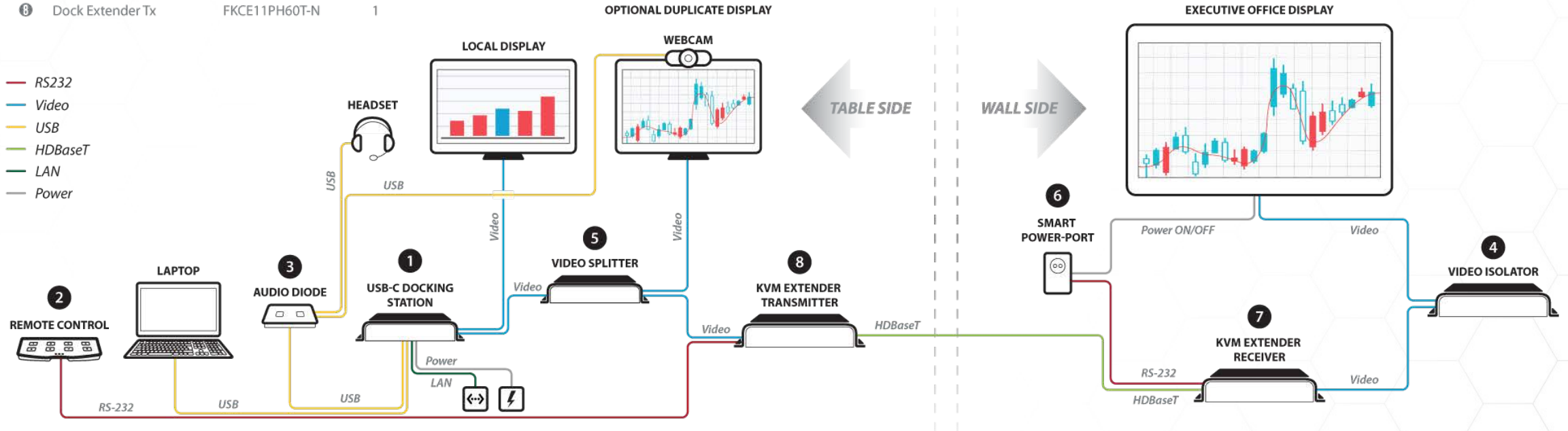


Executive-office security focuses on blocking guest devices. However, the executive's own tech (multiple monitors, a webcam, and a headset) introduces vulnerabilities for data breaches and eavesdropping.



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	PDU101C	1
❼	Dock Extender Rx	FKCE11PH60R-N	1
❽	Dock Extender Tx	FKCE11PH60T-N	1

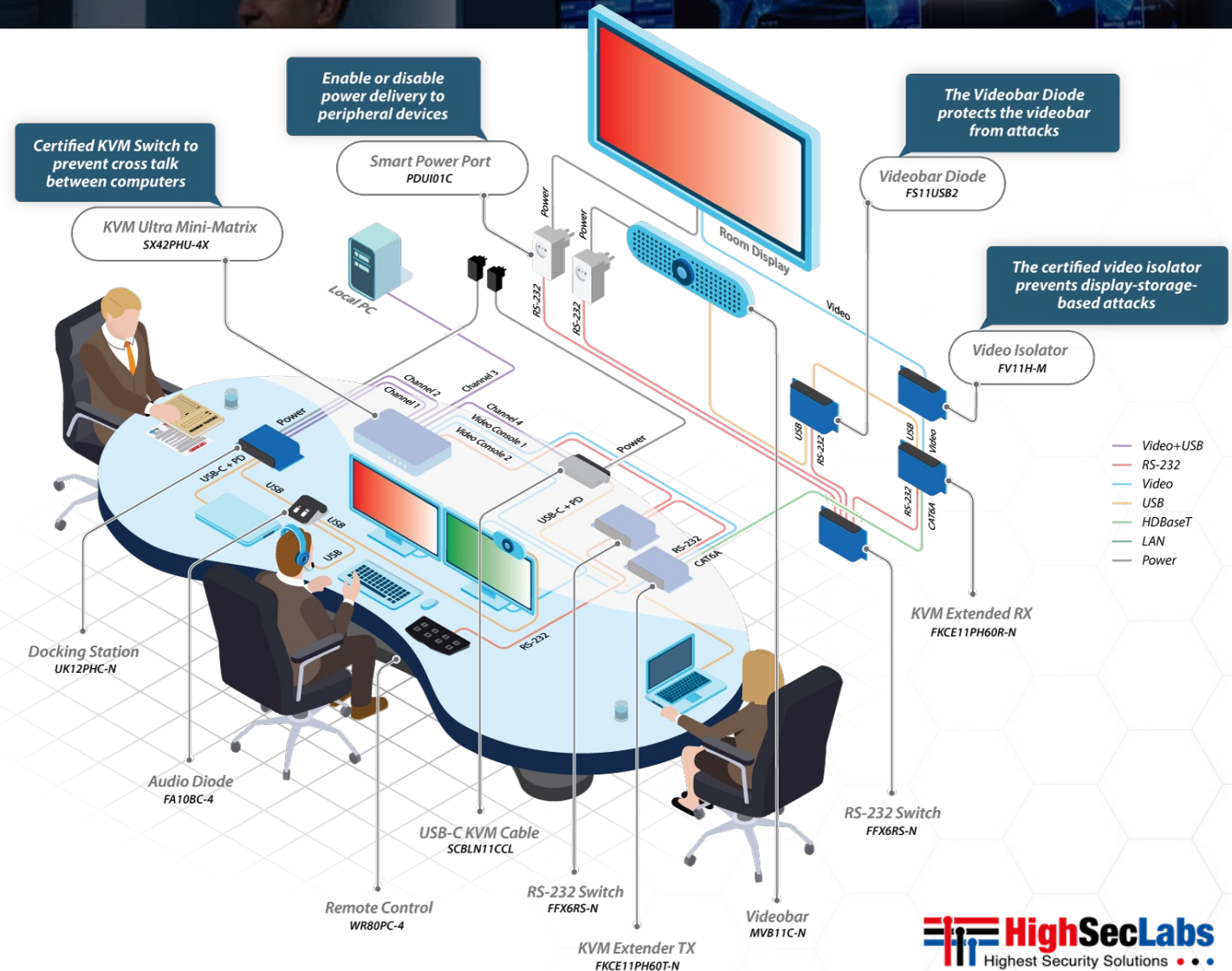


SECURE STANDARD EXECUTIVE OFFICE

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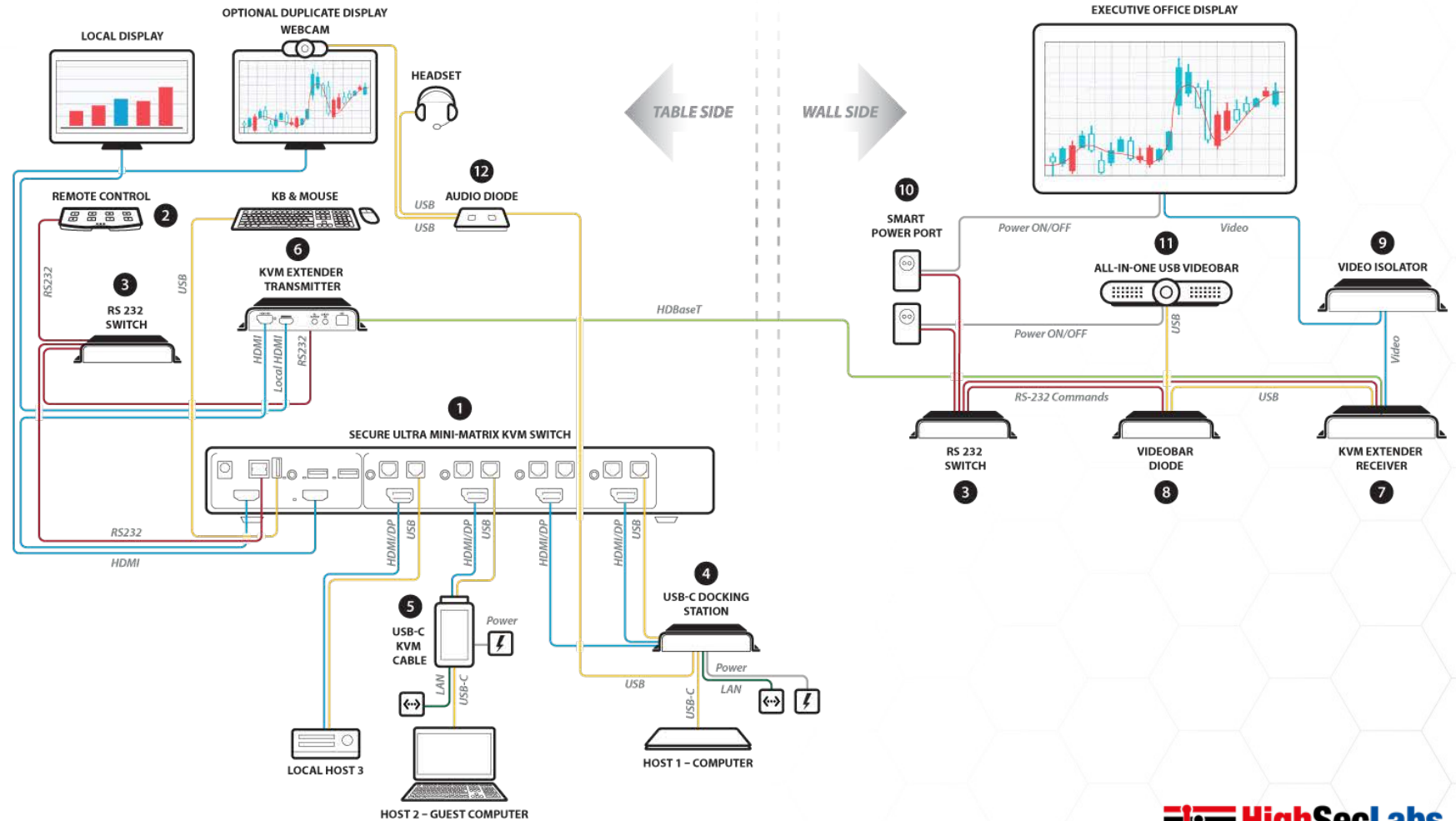
Designed for versatility, the senior executive office's core features introduce serious security flaws. Support for simultaneous inputs from a guest, the executive, and classified network devices creates a direct path for malware and data breaches. Likewise, its Videobar and dedicated peripherals are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



SECURE STANDARD EXECUTIVE OFFICES WIRING DIAGRAM

Product	Model	Qty
1 Secure Ultra MM KVM Switch	SX42PHU-4X	1
2 Remote Control	WR80PC-4	1
3 RS232 Switch	FFX6RS-N	2
4 Docking Station	UK12PHC-N	1
5 USB-C KVM DH Cable	DCBLN12CCL	1
6 Extender Tx	FKCE11PH60T-N	1
7 Extender Rx	FKCE11PH60R-N	1
8 Videobar Diode	FS11USB2	1
9 Video Isolator	FV11H-M	1
10 Smart Power Port	PDU101C	2
11 Videobar	MVB11C-N	1
12 Audio Diode	FA10BC-4	1

RS232
 Video
 USB
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 Power

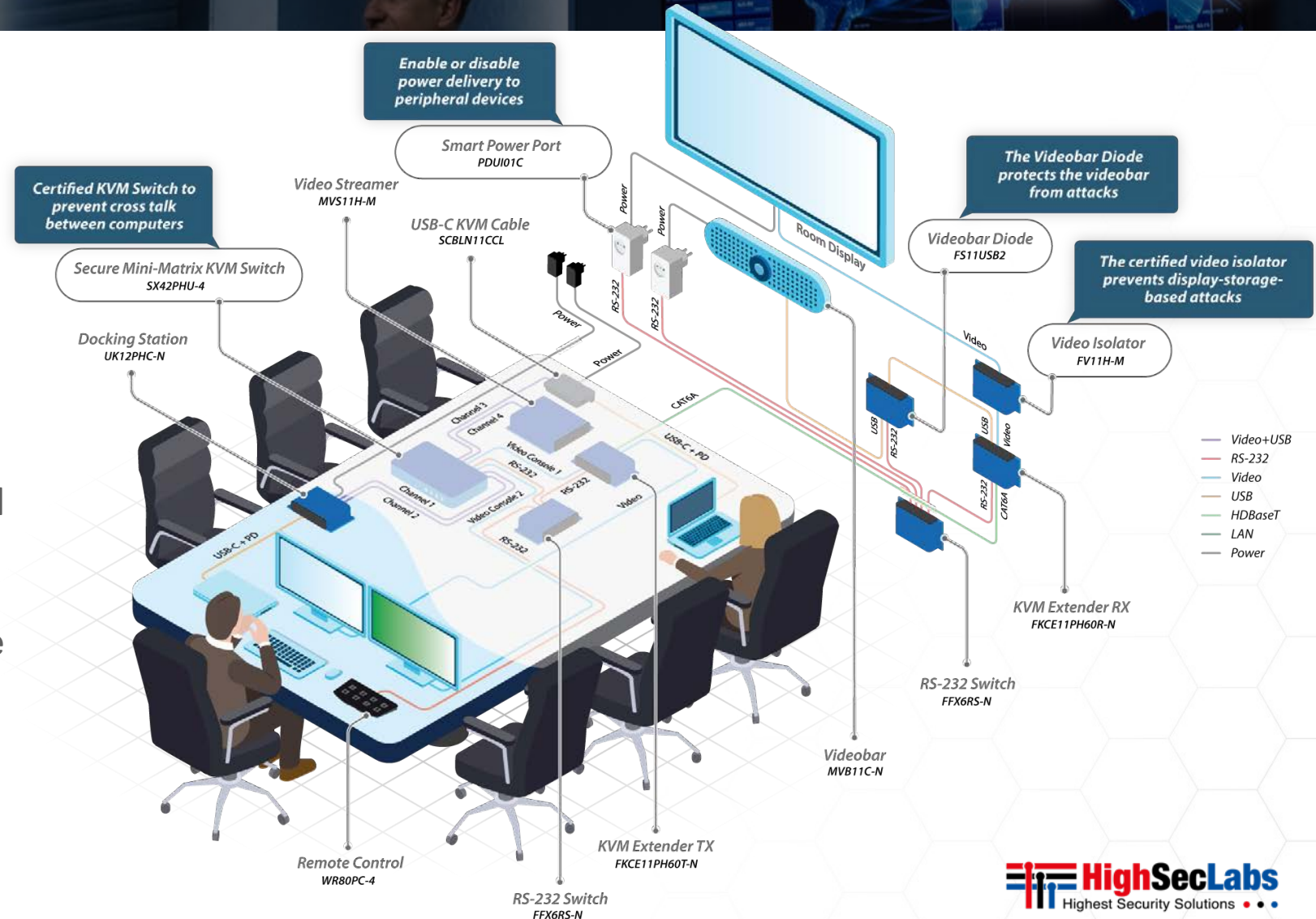


SECURE SENIOR EXECUTIVE OFFICE

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compliant supply chain



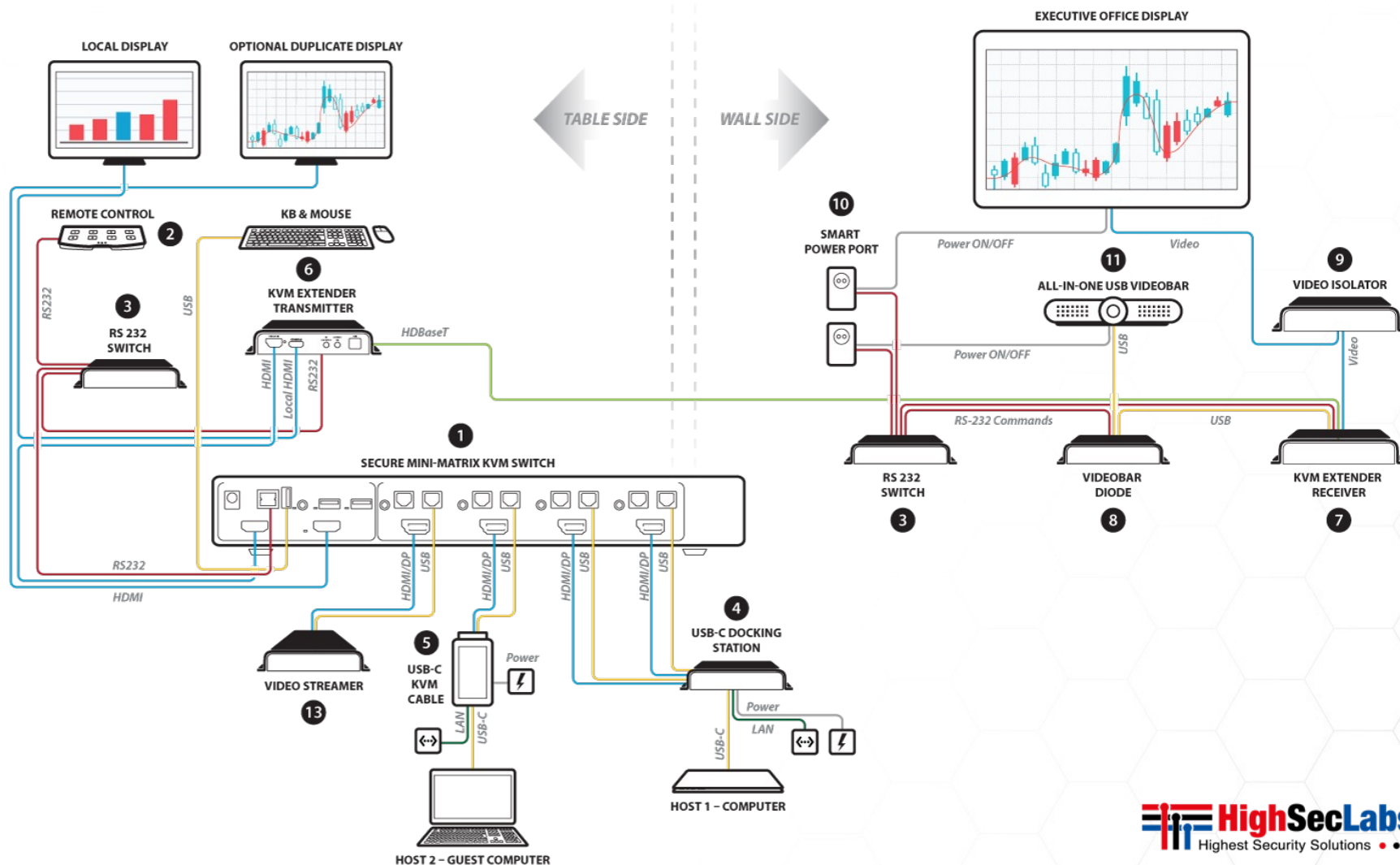
Blending a private workspace with a meeting room, the executive suite's design creates vulnerabilities. The executive works on private displays while guest content is presented, creating a high-value target for attackers. The guest connection, displays, and Videobar are potential attack vectors for malicious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



SECURE SENIOR EXECUTIVE OFFICE WIRING DIAGRAM

	Product	Model	Qty
1	Secure Mini-Matrix KVM	SX42PHU-4	1
2	Remote Control	WR80PC-4	1
3	RS232 Switch	FFX6RS-N	2
4	Docking Station	UK12PHC-N	1
5	USB-C KVM SH Cable	SCBLN11CCL	1
6	Extender Tx	FKCE11PH60T-N	1
7	Extender Rx	FKCE11PH60R-N	1
8	Video bar Diode	FS11USB2	1
9	Video Isolator	FV11H-M	1
10	Smart Power-Port	PDU101C	2
11	Video bar	MVB11C-N	1
12	Audio Diode	FA10BC-4	1
13	Video Streamer	MVS11H-M	1

RS232
 Video
 USB
 HDBaseT
 LAN
 Power

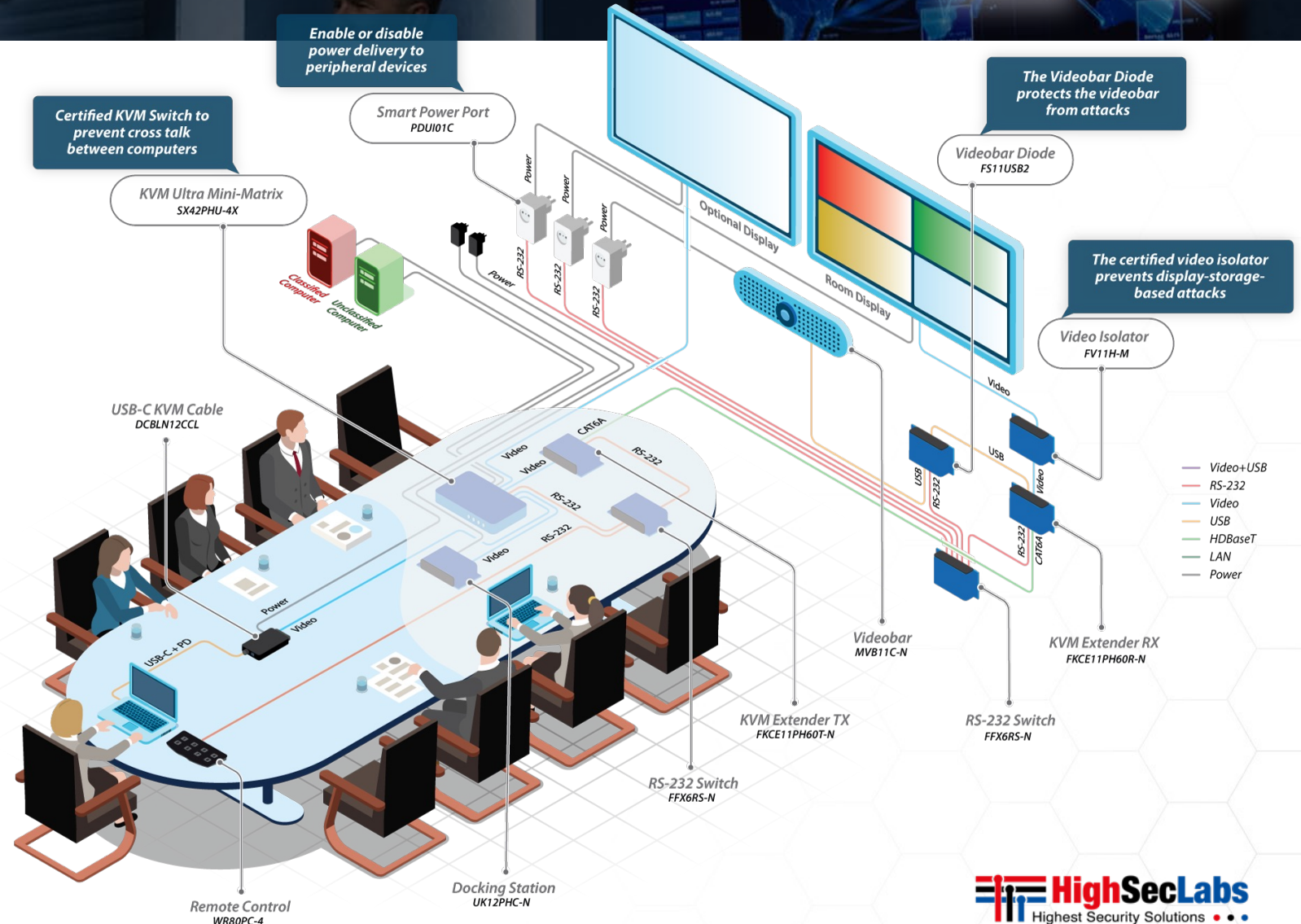


SECURE BOARD ROOM

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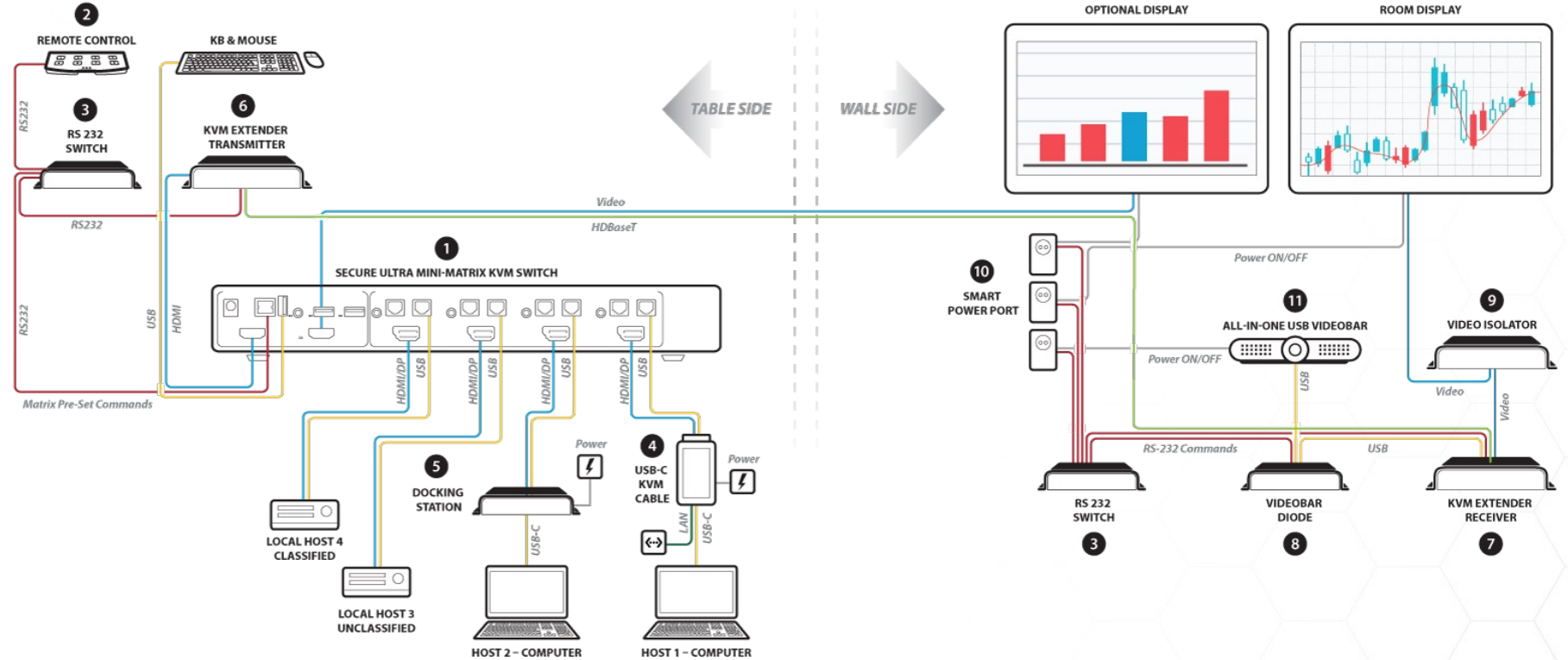
A boardroom is specifically designed for formal gatherings of senior leadership and other high-level decision-making teams. The room is typically equipped with at least two guest laptop connections, one or two local PCs connected to separate classified networks, two presentation displays, and a Videobar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



SECURE BOARD ROOM WIRING DIAGRAM

Product	Model	
1 Secure Ultra MM KVM Switch	SX42PHU-4X	1
2 Remote Control	WR80PC-4	1
3 RS232 Switch	FFX6RS-N	2
4 USB-C KVM DH Cable	DCBLN12CCL	1
5 Docking Station	UK12PHC-N	1
6 Extender Tx	FKCE11PH60T-N	1
7 Extender Rx	FKCE11PH60R-N	1
8 Videobar Diode	FS11USB2	1
9 Video Isolator	FV11H-M	1
10 Smart Power-Port	PDU101C	3
11 Videobar	MVB11C-N	1

RS232
 Video
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 Power



USE CASE OVERVIEW

PN	Model	Description	Meeting Room	Huddle Room	Basic Executive Office	Standard Executive Office	Senior Executive Office	Boardroom
CPN35428	FFX6RS-N	RS232 switcher 6 ports	1	1		2	2	2
CPN35322	FS11USB2	Video bar diode USB 2.0 mountable	1	1		1	1	1
CPN35435	PDUI01C	Managed power port	2	2	1	2	2	3
CPN33179	SX42PHU-4X	Meeting room advanced 4:2 matrix, secured				1		1
CPN33181	SX42PHU-NX	Meeting room advanced 4:2 matrix, Commercial						
CPN37155	FKCE11UC60-N	USB-C extended doc Tx+Rx	1		1	1	1	1
CPN31361	WR80PC-4	8P Programmable RGB Remote Control	1	1	1		1	1
CPN19263	SX42PHU-4	Secure mini MTX					1	
CPN30833	UK12PHC-N	USB-C Docking station		1	1	1	1	1
CPN24279	DCBLN12CCL	Cable bump DH				1	1	1
CPN20663	FV11H-M	Secure 1-Port video isolator HDMI		1	1	1	1	1
CPN22569	FA10BC-4	AD USB to Analog with Mic. and Cam.			1	1	1	
CPN28270	PV12PH-N	2 Ports Video Splitter			1			



Thank You

For more info:



www.highseclabs.com | info@highseclabs.com

