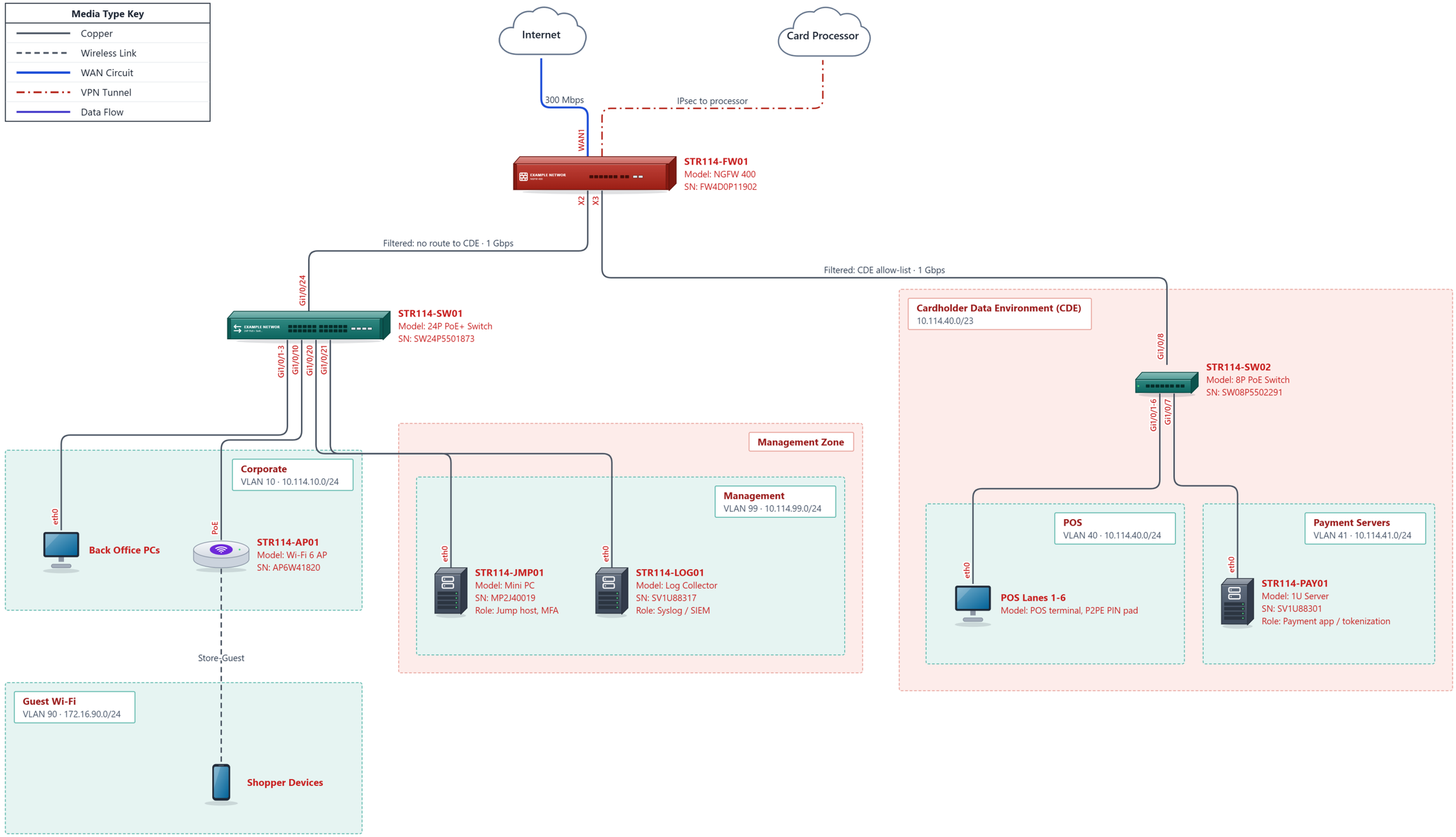
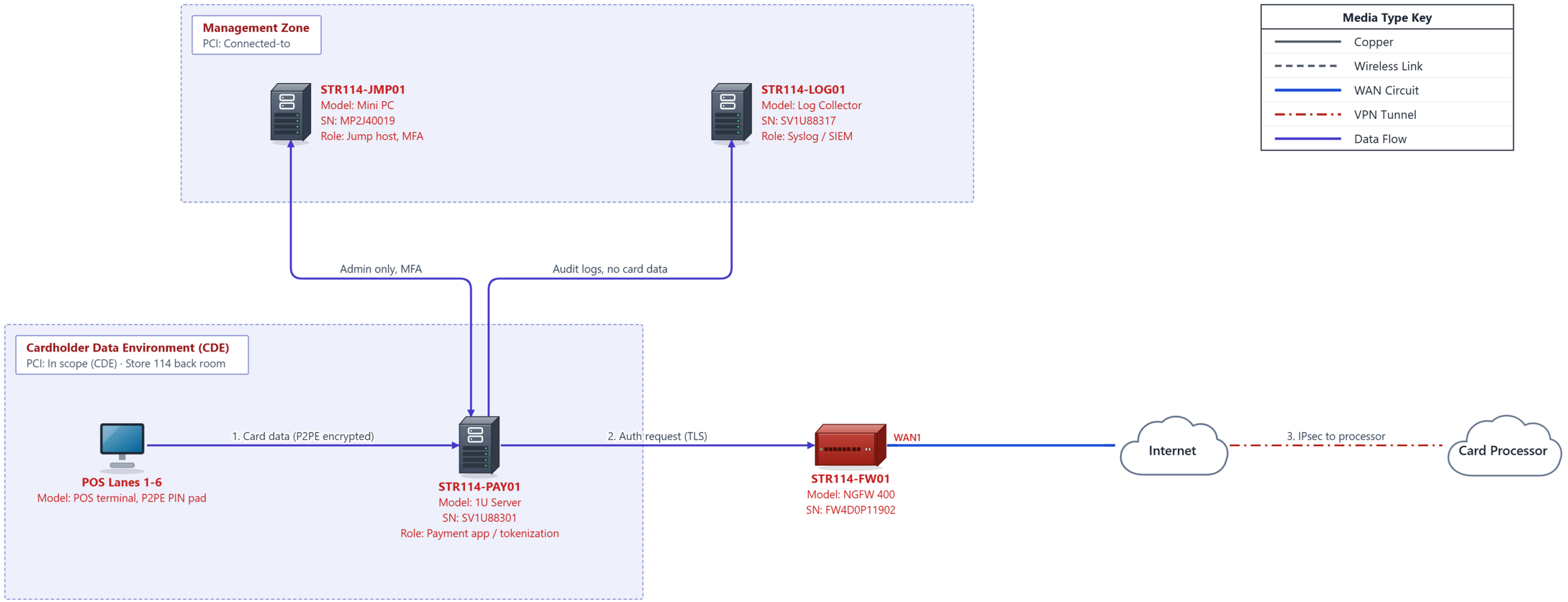


DOCUMENT
Store 114 - PCI Cardholder Data Segment
Harbor Outfitters · Store 114, 88 Market Street, Springfield

SHEET TITLE
Store Network

VERSION	LAST CHANGED	VERIFIED	SHEET
1.0	2026-11-04		1 of 6
DRAWN BY	LAST EDITOR	APPROVED	



DOCUMENT **Store 114 - PCI Cardholder Data Segment** Harbor Outfitters · Store 114, 88 Market Street, Springfield	SHEET TITLE **Data Flow**	VERSION 1.0	LAST CHANGED 2026-11-04	VERIFIED	SHEET **2** of 6
		DRAWN BY	LAST EDITOR	APPROVED	

Device Inventory 19 devices

Hostname	Type	Vendor / model	Serial	Mgmt IP	Area	Location	Page
Internet	Internet						Store Network
Card Processor	Cloud Provider						Store Network
STR114-FW01	Firewall	Example Networks NGFW 400	FW4D0P11902	10.114.99.1			Store Network
STR114-SW01	Switch	Example Networks 24P PoE+ Switch	SW24P5501873	10.114.99.2			Store Network
STR114-SW02	Switch	Example Networks 8P PoE Switch	SW08P5502291	10.114.41.2	Cardholder Data Environment (CDE)		Store Network
POS Lanes 1-6	Workstation	POS terminal, P2PE PIN pad		10.114.40.11, 10.114.40.12, 10.114.40.13, 10.114.40.14, 10.114.40.15, 10.114.40.16	POS		Store Network
STR114-PAY01	Server	Example Systems 1U Server	SV1U88301	10.114.41.10	Payment Servers		Store Network
STR114-JMP01	Server	Example Systems Mini PC	MP2J40019	10.114.99.20	Management		Store Network
STR114-LOG01	Server	Example Systems Log Collector	SV1U88317	10.114.99.30	Management		Store Network
Back Office PCs	Workstation				Corporate		Store Network
STR114-AP01	Wireless AP	Wi-Fi 6 AP	AP6W41820	10.114.10.40	Corporate		Store Network
Shopper Devices	Mobile Device				Guest Wi-Fi		Store Network
POS Lanes 1-6	Workstation	POS terminal, P2PE PIN pad		10.114.40.11, 10.114.40.12, 10.114.40.13, 10.114.40.14, 10.114.40.15, 10.114.40.16	Cardholder Data Environment (CDE)		Data Flow
STR114-PAY01	Server	Example Systems 1U Server	SV1U88301	10.114.41.10	Cardholder Data Environment (CDE)		Data Flow
STR114-JMP01	Server	Example Systems Mini PC	MP2J40019	10.114.99.20	Management Zone		Data Flow
STR114-LOG01	Server	Example Systems Log Collector	SV1U88317	10.114.99.30	Management Zone		Data Flow
STR114-FW01	Firewall	Example Networks NGFW 400	FW4D0P11902	10.114.99.1			Data Flow
Internet	Internet						Data Flow
STR114-FW01	Firewall	Example Networks NGFW 400	FW4D0P11902	10.114.99.1			Data Flow
Internet	Internet						Data Flow
Card Processor	Cloud Provider						Data Flow

Link / Cabling Schedule 13 links

Cable ID	End A	Interface	End B	Interface	Media	Speed	VLANs	Length	Test	Label / notes	Page
	Internet		STR114-FW01	WAN1	WAN Circuit	300 Mbps					Store Network
	STR114-FW01		Card Processor		VPN Tunnel					IPsec to processor	Store Network
S114-C002	STR114-FW01	X2	STR114-SW01	Gi1/0/24	Copper	1 Gbps	10,90,99	1 m	Pass	Filtered: no route to CDE	Store Network
S114-C003	STR114-FW01	X3	STR114-SW02	Gi1/0/8	Copper	1 Gbps	40,41	1 m	Pass	Filtered: CDE allow-list	Store Network
S114-D101-106	STR114-SW02	Gi1/0/1-6	POS Lanes 1-6	eth0	Copper		40		Pass		Store Network
S114-C004	STR114-SW02	Gi1/0/7	STR114-PAY01	eth0	Copper		41	2 m	Pass		Store Network
S114-D001-003	STR114-SW01	Gi1/0/1-3	Back Office PCs	eth0	Copper		10		Pass		Store Network
S114-D010	STR114-SW01	Gi1/0/10	STR114-AP01	PoE	Copper		10,90	28 m	Pass		Store Network
S114-C010	STR114-SW01	Gi1/0/20	STR114-JMP01	eth0	Copper		99	2 m	Pass		Store Network
S114-C011	STR114-SW01	Gi1/0/21	STR114-LOG01	eth0	Copper		99	2 m	Pass		Store Network
	STR114-AP01		Shopper Devices		Wireless Link					Store-Guest	Store Network
	STR114-FW01	WAN1	Internet		WAN Circuit						Data Flow
	Internet		Card Processor		VPN Tunnel					3. IPsec to processor	Data Flow

VLAN / Subnet Table 5 VLANs

VLAN	Name	Subnet	Gateway	DHCP scope / helper	Devices	Page
10	Corporate	10.114.10.0/24	10.114.10.1	STR114-FW01	2	Store Network
40	POS	10.114.40.0/24	10.114.40.1	Static (allow-listed MACs)	1	Store Network
41	Payment Servers	10.114.41.0/24	10.114.41.1	Static	1	Store Network
90	Guest Wi-Fi	172.16.90.0/24	172.16.90.1	STR114-FW01, client isolation	1	Store Network
99	Management	10.114.99.0/24	10.114.99.1		2	Store Network

Data Flows 4 flows

From	To	Data	Class.	Sensitive data	Protocol / port	Encryption	Purpose	Page
POS Lanes 1-6 (Cardholder Data Environment (CDE))	STR114-PAY01 (Cardholder Data Environment (CDE))	Card data from the PIN pad	Restricted	Card data	P2PE	Other encryption	Take card payments	Data Flow
STR114-PAY01 (Cardholder Data Environment (CDE))	STR114-FW01	Authorization request	Restricted	Card data	HTTPS 443	TLS 1.2	Authorize payments with the processor	Data Flow
STR114-JMP01 (Management Zone)	STR114-PAY01 (Cardholder Data Environment (CDE))	Admin sessions	Confidential	Credentials	SSH 22	SSH / SFTP	Administration through the jump host	Data Flow
STR114-PAY01 (Cardholder Data Environment (CDE))	STR114-LOG01 (Management Zone)	Audit logs	Internal		Syslog 6514	TLS 1.2	Logging and monitoring	Data Flow