

# APPENDIX B

## Test Hardware and Software

The network hardware devices used in CPwE PRP testing are listed in [Table B-1](#). Rockwell Automation hardware and firmware revisions are listed in [Table B-2](#). Rockwell Automation software versions are listed in [Table B-3](#).



**Note**

Unless noted otherwise, the listed hardware and firmware revisions were tested for the June 2022 release of this CVD.

**Table B-1** Network Hardware and Software

Role	Product	Firmware Revision
Core switch	Cisco Catalyst 9500	17.03.02a
Distribution switch	Cisco Catalyst 9300	17.07.01 (Network Advantage license)
Layer 3 RedBox with HSRP	Allen-Bradley Stratix 5400 and Stratix 5410, Layer 3 firmware	15.2(8)E
IES Access switch, Layer 2 RedBox	Allen-Bradley Stratix 5400	15.2(8)E
IES Access switch, Layer 2 RedBox	Allen-Bradley Stratix 5800	17.07.01
IES Access or Aggregation switch, LAN A and LAN B	Allen-Bradley Stratix 5400	15.2(8)E
IES Access switch, LAN A and LAN B	Allen-Bradley Stratix 5700	15.2(8)E
IES Access switch, LAN A and LAN B	Allen-Bradley Stratix 5800	17.07.01
Time Sync Module (GPS, NTP, PTP)	Aparian A-TSM/B	1.020

**Table B-2** IACS Hardware and Software

Role	Product	Catalog Number	Firmware Revision
PAC	ControlLogix 5570 (2019 CVD release)	1756-L75	31.011
PAC	ControlLogix 5580	1756-L85E	33.011, 34.011
Redundant PAC	ControlLogix 5570 (2019 CVD release)	1756-L75	31.052
Redundant PAC	ControlLogix 5580	1756-L85E	33.011, 34.011

Table B-2 IACS Hardware and Software (continued)

Role	Product	Catalog Number	Firmware Revision
PAC, VDAN	CompactLogix™ 5380	5069-L340ERM	33.011, 34.011
Safety PAC	GuardLogix® 5570 (2019 CVD release)	1756-L73S 1756-L7SP	31.011
Safety PAC	GuardLogix 5580	1756-L84ES	33.011, 34.011
Ethernet module, DAN (PAC)	ControlLogix EtherNet/IP module, PRP	1756-EN2TP	11.003
Ethernet module, DAN (PAC)	ControlLogix EtherNet/IP module, PRP	1756-EN4TR	4.001
Ethernet module, DAN (I/O)	ControlLogix EtherNet/IP module, PRP	1756-EN2TP	11.003
Redundant Ethernet module, DAN (I/O)	ControlLogix EtherNet/IP module, PRP	1756-EN4TR	4.001
Ethernet module, DAN (I/O)	FLEX 5000 EtherNet/IP Adapter	5094-AEN2TR 5094-AEN2SFPR	5.012
Ethernet module, VDAN (I/O)	POINT I/O™ EtherNet/IP Adapter	1734-AENTR/B	5.018
Ethernet module, VDAN (I/O)	Compact 5000™ I/O EtherNet/IP Adapter	5069-AEN2TR	3.011

Table B-3 Rockwell Automation Software

Product	Version
FactoryTalk View Site Edition	12.00.00
FactoryTalk Linx	6.20.00