

CLAROTY PROTOCOL SUPPORT LIST

The Claroty Platform: A Complete Industrial Cybersecurity Solution with Unmatched Protocol Coverage

The Claroty Platform supports the industry's most comprehensive list of protocols found in industrial environments; these include an unmatched range of both proprietary and standard OT, IoT, IIoT, BMS, and IT protocols. This support is backed by Claroty's interdisciplinary team of researchers that collaborate closely with leading industrial manufacturers, vendors, and stakeholders to ensure that we not only maintain the most extensive protocol coverage and leading research lab in industrial cybersecurity, but also that we continue to support the protocols, research, and products that our customers and community need most. The following protocols are supported across all Claroty deployments:

Passive - continuous, real-time monitoring of industrial networks			Vendor Protocol Name		
Standard	BACNET	ABB	Spirit	Hikvision	Discovery Protocols
	BitTorrent		Symphony Plus	Hirschmann	HiDiscovery
	CAPWAP		TotalFlow	Honeywell	Telnet - Hirschmann
	Citect HMI	Alstom	Alspa Multicast Messages		C200 - ftebcip
	DHCP	Altus	E-Terra	HP	EpicMo (C300 mgmt)
	DNP3		Altus ALnet		Experion - CeeNTComm
	EPM	AVIVA	ClearSCADA ViewX	IEC	Firewall CF9
	ETHERNET / IP	B&R	B&R INA2000		HP Switch
	Ethernet POWERLINK	Beckhoff	AMS (ADS)	Keyence	Goose (IEC-61850)
	Foundation Fieldbus		EtherCAT		Sampled Values (IEC-61850)
	FTP	Bristol	BSAP	Koyo	Host-link Communication
	HART-IP	Buffalo	NASNavigator		KV Studio
	HSRP	Caterpillar	Caterpillar AHS	Knapp	Logger
	HTTP	CC Link IE	SLMP		Knapp
	HTTP-XML		(CC Link IE Field Basic)	CC Link IE - Field	Kongsberg
	IEC101	Checkpoint	CPHA (Checkpoint High Availability)	Koyo	Koyo (HEI/K-Sequence /DirectNet)
	IEC103		Discovery Protocol (CDP)		Lantronix
	IEC104	Cisco	UDLD	Linux	Linux Highway Availability
	LLDP	CODESYS	codesysV3	LS Electric	XG5000
	MMS (IEC-61850)	Cognex	Cognex Discovery	Matrikon	OPCTunneler
	Modbus	Comtrol	Comtrol NS Link		CIFS (SMB)
	Modbus Execload	CTI	Control Technologies	Microsoft	DCE RPC
	MQTT	Cygnnet	Cygnnet SCADA		DCE RPC - ABB DCS Service Manager
	NetBIOS Browser	Dropbox	Dropbox LAN-sync	Nortel	NTLMSSP (Auth Protocol)
	NetBIOS Datagram Service	Eltec	Modbus Eltec		Microsoft RDP
	OPC-DA/UA	Emerson	DeltaV	SAMR	
	POP3		Ovation	TDS	
	Profinet DCP		ROC Plus	WinRM	
	Profinet I/O	Enedis	Telnet- DeltaV	Mikrotik	Windows Update Delivery Optimization
	Profinet Real-Time		B32		MNDP
	PTP	Foxboro	Foxboro LLC	Mitsubishi	Melsec
	Radius		Foxboro RTV		Melsoft
	RTCP	Fuji electric	FI-net fuji	Motorola	MDLC
	S-BUS		GE Bentley Nevada (BNC3500)		Moxa
	SECSGEM	GE	GE PAC8000 (AXE)	Niagara	Tridium
	SIP		GE SDI (MarkVie)		NMEA
	Skinny	GE	GE SDI Classic (MarkVie)	Nortel	NDP
	SMTP		GE SRTP		Omniflow
	SNMP	GE	GE-ALM	Omron	Telnet - Omnicflow
	SSH		GE-EGD		FINS
	Synchrophasor	GE	GE-EGD-CMP	OPTO	OPTO
	Telnet		GE-iFix		OPTO MMP
	TFTP	ABB	Modbus GE Enervista	OSISoft	OPTO SoftPAC Agent
DMS System	QuickPanel (TRAPI + HTTP)		PI		
HC800 (Infinitnet)					
Melody					
Bailey					
MasterBus 300					
RNRP					

Passive - continuous, real-time monitoring of industrial networks (continued)

Phoenix Contact	ProConoS (TCP 20547)		Schneider ION	SMS Group	TPLink Discovery	
Pepperl+Fuchs	Pepperl+Fuchs	Schneider	Schneider NetManage	X-Pact		
Plum	Gaz Modem		Triconex Tristation	Spotify	Spotify P2P	
Portwell	Portwell		Triconex TSAA	Themis	Enhanced Modbus	
Redlion	Redlion Crimson	Schweitzer	FTP - SEL	Toyoda	PCwin	
	Redlion NView-2 Discovery		Telnet - SEL	Toyota	FI-net Toyota	
ROCKWELL AUTOMATION	CIP	SICK	CoLa-A	Trend	IQ3	
	ENIP		Digsi 4	TwinSoft	Modbus TwinSoft	
	PCCC		Digsi 5	Valmet	MaxDNA (MaxNET)	
	DPI (over PCCC)		P2	WAGO	Valmet DNA	
Ruggedcomm	RCDP	Siemens	PCS7 WinCC - Historian	Willowglen	WAGO	
SAIAS	SBUS		S7Comm	WonderWare	DACP	
ScadaPack	Modbus ScadaPack		S7Comm Plus	WonderWare	WonderWare Suitelink IoTalk	
Schneider	H1		Siemens IEM	Siemens FWL Load (Firmware Upload)	Xinje Electronics	Modbus Xinje
	Modbus Concept		Siemens FWL Load	Sinaut FW8	Yokogawa	odeq
	Modbus Modsoft		TRDP Process Data	TRDP Process Data	Zabbix	VNET (VHF)
	Modbus Schneider		T3000 Protocols	T3000 Protocols		PRP
	PowerLogic Discovery					Zabbix

Active - precise, periodic queries of network assets

Vendor | Protocol Name

B&R	B&R HTTP	Niagara	Tridium Fox Query	Standard	ENIP Scan
	B&R Profile	Omron	Fins		HTTP Query
	B&R Query	Opto22	Opto22 Query		IoT Query
Beckhoff	Beckhoff Query	Ovarro	TBox Query		MDNS
CODESYS	codesysV3	Pepperl+Fuchs	DCP Query		Modbus Information Object
Cisco	Cisco Profile	Pepperl+Fuchs	Pepperl+Fuchs		MMS Query
Cognex	Cognex Query	Rockwell	PCCC		Net Bios
	GE-SRTP		Rockwell Profile		PCCC
GE	GE Station Manager	Schneider	Modicon Discovery		Ping Sweep
	Hirschmann Discovery Query		Schneider TSX Query		Profinet-DCP Query
	Hirschmann Discovery Scan		Schneider Unity Query		Profinet-DCP Scan
Hirschmann	Hirschmann Profile	Siemens	CTI Query		SNMP Network Layout Query
	Unicast Query		S7Comm Query		SNMP Query
Lantronix	Broadcast Discovery		S7CommPlus		SNMP Scan
	MS SQL		Siemens Profile		SNMP Siprotec 5
Microsoft	Windows Profile		Siprotec 5 Profile		SSDP
	WinRM Query		Siprotec Query		SSH Discovery
	WMI Query	BACnet Discovery	TCP Port Discovery		
	WSD Discovery	BACnet Query	TCP Port Scan		
Mitsubishi	WSD Query	Standard	CIP Query		Telnet
	Mitsubishi Melsoft		DBEnumarion (mssql, mysql, mongo)	Unitronics	Unitronics Query
	Mitsubishi Profile		DNP3	VMware	VMware ESX Discovery
Moxa	Broadcast Can		ENIP Query	WAGO	WAGO Query
	Unicast Scan			Westermo	WeConfig

App DB - targeted, periodic enrichment of network asset data				Vendor Protocol Name
Standard	SCL	Redlion	Redlion HMIs Crimson v3	GP-4000 GP-Pro EX
ABB	800xA	Rockwell	AssetCentre	SP-5000 GP-Pro EX
	AC800M		MicroLogix RSLogix 5000	LT-3000 GP-Pro EX
	Composer		RSLogix 500 / RSLogix 5	LT-4000 GP-Pro EX
	Totalflow PCCU		MicroLogix Factory View	ST-3000 GP-Pro EX
B&R	Automation Studio v3/v4	Schneider	MicroLogix RS System Ferret	IPC (PC/AT)
CODESYS	codesysV3		AAdvance Log Collection	SEL AcSElerator
Emerson	DeltaV		ICSTriplex Log Collection	LOGO!Soft Comfort
GE	rx3i,9030 Proficy Machine		ISaGRAF (multiple)	Siprotec DigiS4 / DigiS5
	rx3i,9030 PacsAnalyzer	FactoryTalkView / RSView	S7/T3000 Step7	
	Bently Nevada 3500	RSLinx	S7 TiaPortal	
	System Configuration	M221 SoMachine	(v13/v14/v15/v16)	
	MarkVI ToolBoxST	EcoStruxure Building Ops	Simatic Softshop 505	
Honeywell	EHPM	Schneider	TwidoSuite	PCS7
	Experion Ctools / SIT		TSX Micro, Premium PL7	Proneta
LS Electric	XG5000		SCADAPack 32	Tricon/Trident/TriGP
Mitsubishi	Melsoft (R) GX Works3		Modicon/Quantum	TriStation 1131
	Melsec GX Developer	Concept	Xinje PLCs XDPPro	
	DIASYS Netmation	GP-3000 GP-Pro EX	Centum VP/CS3000	
Motorola	ACE, MOSCAD ACE3600		Yokogawa	ProsafERS
Omron	CX-One			

Clarity Edge - Lightweight, safe-active data collection				Vendor Protocol Name	
Broadcast		Unicast		Unicast	
Standard	BACnet	ABB	MMS	Phoenix	HTTP
	EN/IP		Modbus	Polycom	HTTP
	ICMP broadcast	Andover	SNMP	Prosoft	CIP
	mDNS	B&R	SNMP - HTTP	Rockwell	CIP
	Profinet	Brother	HTTP	Schneider	Modbus - HTTP
	SSDP	Danfoss	Modbus	Siemens	S7 - SNMP
	WSD	Digiboard	HTTP		MMS
GE	Station Manager	Enterasys	SNMP (v1)	Siprotec5	
	GE rx* PLCs	GE	S RTP	Sierra Monitor	Ethernet / IP
Hirschmann	HiDiscovery	Hirschmann	Telnet	Sigmatek	BACnet
		HP	HTTP / NBNS	Synology	HTTP
		Lantronix	Lantronix	TAC-AB	SNMP
		Microsoft	Suspected Windows	Teltonika	SNMP
			NBNS	TP-Link	HTTP
		Mikrotik	HTTP	WAGO	WAGO
		Mobotix	HTTP	Westermo	SNMP
		MOXA	Telnet		Telnet

About Clarity

Clarity empowers organizations to secure cyber-physical systems across industrial (OT), healthcare (IoMT), and enterprise (IoT) environments: the Extended Internet of Things (XIoT). The company's unified platform integrates with customers' existing infrastructure to provide a full range of controls for visibility, risk and vulnerability management, threat detection, and secure remote access. Backed by the world's largest investment firms and industrial automation vendors, Clarity is deployed by hundreds of organizations at thousands of sites globally. The company is headquartered in New York City and has a presence in Europe, Asia-Pacific, and Latin America.

To learn more, visit www.clarity.com.

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