

CLAROTY 协议支持列表

Claroty平台：一个完整的工业网络安全解决方案，具有无与伦比的、齐全的OT通讯协议覆盖率。

Claroty平台拥有工业行业最全面的协议支持列表，涵盖一系列专有的和标准的OT、IoT、IIoT、BMS和IT协议。这得到了Claroty跨学科研究团队的协助，该研究团队与领先的工业制造商、供应商和利益相关者密切合作，以确保我们不仅保持最广泛的协议覆盖范围和先进的工业网络安全研究实验室，而且继续支持我们用户和环境最需要的协议、研究和产品。以下所有通讯协议均支持Claroty的部署：

被动式 - 持续实时监控 OT 网络		厂商 通讯协议名称			
Standard	BACNET	ABB	Spirit	Hikvision	Discovery Protocols
	BitTorrent		Symphony Plus		Hirschmann
	CAPWAP		TotalFlow	Honeywell	Telnet - Hirschmann
	Citect HMI	Alstom	Alspa Multicast Messages		C200 - ftebcip
	DHCP		E-Terra		EpicMo (C300 mgmt)
	DNP3	Altus	Altus ALnet	Experion - CeeNTComm	
	EPM	AVIVA	ClearSCADA ViewX	Firewall CF9	
	ETHERNET / IP	B&R	B&R INA2000	HP	HP Switch
	Ethernet POWERLINK	Beckhoff	AMS (ADS)	IEC	Goose (IEC-61850)
	Foundation Fieldbus		EtherCAT		Sampled Values (IEC-61850)
	FTP	Bristol	BSAP	Keyence	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	Control	Control NS Link		CIFS (SMB)
	Modbus Execload	CTI	Control Technologies	DCE RPC	
	MQTT		Cygnnet	Cygnnet SCADA	DCE RPC - ABB DCS Service Manager
	NetBIOS Browser	Dropbox	Dropbox LAN-sync	NTLMSSP (Auth Protocol)	
	NetBIOS Datagram Service	Eltec	Modbus Eltec	Microsoft	Microsoft RDP
	OPC-DA/UA	Emerson	DeltaV	SAMR	
	POP3		Ovation	TDS	
	Profinet DCP		ROC Plus	WinRM	
	Profinet I/O	Enedis	Telnet- DeltaV	Windows Update	
	Profinet Real-Time		B32	Delivery Optimization	
	PTP	Foxboro	Foxboro LLC	Mikrotik	MNDP
	Radius		Foxboro RTV		Mitsubishi
	RTCP	Fuji electric	FI-net fuji	Melsoft	
	S-BUS		GE Bentley Nevada (BNC3500)	Motorola	MDLC
SECSGEM	GE	GE PAC8000 (AXE)	Moxa	Telnet - Moxa	
SIP		GE SDI (MarkVie)	Niagara	Tridium	
Skinny		GE SDI Classic (MarkVie)	NMEA	NMEA-0183	
SMTP		GE SRTP	Nortel	NDP	
SNMP		GE-ALM	Omniflow	Flow Computer	
SSH		GE-EGD		Telnet - Omniflow	
Synchrophasor		GE-EGD-CMP	Omron	FINS	
Telnet		GE-iFix		OPTO	
TFTP		Modbus GE Enervista	OPTO	OPTO MMP	
ABB		DMS System	QuickPanel (TRAPI + HTTP)	OSISoft	OPTO SoftPAC Agent
	HC800 (Infininet)			PI	
	Melody				
	MasterBus 300				
RNRP					

被动式 - 持续实时监控 OT 网络

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	Schweitzer	Triconex TSAA	Themis	Enhanced Modbus	
Redlion	Redlion Crimson		FTP - SEL	Toyoda	PCwin	
	Redlion NView-2 Discovery	SICK	Telnet - SEL	Toyota	FI-net Toyota	
ROCKWELL AUTOMATION	CIP		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		PCS7 WinCC - Historian	Willowglen	WAGO	
SAIAS	SBUS	Siemens	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 (Firmware Upload)	Sinaut FW8	Yokogawa	odeq
	Modbus Modsoft		Sinaut FW8	TRDP Process Data		VNET (VHF)
	Modbus Schneider		TRDP Process Data	T3000 Protocols	Zabbix	PRP
	PowerLogic Discovery				Zabbix	Zabbix

主动式 - 定期精准查询 OT 资产

				厂商 通讯协议名称
B&R	B&R HTTP	Niagara	Tridium Fox Query	ENIP Scan
	B&R Profile	Omron	Fins	HTTP Query
Beckhoff	B&R Query	Opto22	Opto22 Query	IoT Query
	Beckhoff Query	Ovarro	TBox Query	MDNS
CODESYS	codesysV3	Pepperl+Fuchs	DCP Query	Modbus Information Object
Cisco	Cisco Profile		Pepperl+Fuchs	MMS Query
Cognex	Cognex Query	Rockwell	PCCC	Net Bios
GE	GE-SRTP		Rockwell Profile	PCCC
	GE Station Manager		Modicon Discovery	Ping Sweep
Hirschmann	Hirschmann Discovery Query	Schneider	Schneider TSX Query	Profinet-DCP Query
	Hirschmann Discovery Scan		Schneider Unity Query	Profinet-DCP Scan
Lantronix	Hirschmann Profile		CTI Query	SNMP Network Layout Query
	Unicast Query	Siemens	S7Comm Query	SNMP Query
Broadcast Discovery	S7CommPlus		SNMP Scan	
MS SQL	Siemens Profile		SNMP Siprotec 5	
Windows Profile	Siprotec 5 Profile		SSDP	
Microsoft	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
Mitsubishi Profile	DNP3		VMware	VMware ESX Discovery
Broadcast Can	ENIP Query		WAGO	WAGO Query
Moxa	Unicast Scan		Westermo	WeConfig

应用程序数据库 - 有针对性地定期丰富 OT 资产数据				厂商 通讯协议名称
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 AcSEerator
Emerson	DeltaV		ICSTriplex Log Collection	LOGO!Soft Comfort
	rx3i,9030 Proficy Machine		ISaGRAF (multiple)	Siprotec Digi5 / Digi5i
GE	rx3i,9030 PacsAnalyzer	FactoryTalkView / RSView	S7/T3000 Step7	
	Bently Nevada 3500	RSLink	S7 TiaPortal	
	System Configuration	M221 SoMachine	(v13/v14/v15/v16)	
	MarkVI ToolBoxST	EcoStruxure Building Ops	Simatic Softshop 505	
Honeywell	EHPM	TwidoSuite	PCS7	
	Experion Ctools / SIT	TSX Micro, Premium PL7	Proneta	
LS Electric	XG5000	SCADAPack 32	Triconex	Tricon/Trident/TriGP
Mitsubishi	Melsoft (R) GX Works3	Modicon/Quantum	Xinje	TriStation 1131
	Melsec GX Developer	Concept		Xinje PLCs XDPPPro
Motorola	ACE, MOSCAD ACE3600	GP-3000 GP-Pro EX	Yokogawa	Centum VP/CS3000
	Omron			ProsafeRS

Claroty Edge - 轻量级，安全主动地收集数据				厂商 通讯协议名称		
Broadcast		Unicast		Unicast		
Standard	BACnet	ABB	MMS	Phoenix	HTTP	
	EN/IP	Andover	Modbus	Polycom	HTTP	
	ICMP broadcast		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	
Microsoft		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	

关于Claroty

Claroty 是一家工业网络安全公司。Claroty 深受全球性大型企业的信赖，可帮助客户揭示、保护和管理其 OT、IoT 和 IIoT 资产。它的综合平台与客户现有的基础设施和计划无缝连接，同时提供全方位的工业网络安全控制，以实现可视化、威胁检测、风险和漏洞管理以及安全远程访问，所有这些都大大降低了总拥有成本。Claroty 得到了领先的工业自动化供应商的支持和采用，拥有广泛的合作伙伴生态系统和屡获殊荣的研究团队。

Cyberworld
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总代理**

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