



DEFENDERBOX OT

Risiken erkennen, bevor Anlagen stillstehen.

Produktionsunternehmen stehen zunehmend im Fokus von Cyberangriffen: rund 70 % aller Fertiger waren laut aktuellen Studien bereits betroffen – häufig über vernetzte IT- und OT-Systeme oder entlang der Lieferketten. Die Folgen reichen von Produktionsausfällen bis hin zu Lieferverzögerungen und wirtschaftlichen Schäden.

Die **DEFENDERBOX OT** ermöglicht eine sichere, risikofreie Sicherheitsüberprüfung Ihrer OT-Umgebung – ohne Eingriffe in laufende Produktionsprozesse.

Risikofreier Start & visuelle Übersicht

Passives Monitoring ohne aktive Kommunikation mit Maschinen oder Steuerungen – Ihre Produktion bleibt unbeeinträchtigt. Automatisch erzeugte Übersichtsdiagramme zeigen den Aufbau Ihres OT-Netzwerks, angebundene Systeme, Kommunikationswege und Geschäftsprozesse.

Individuelle Baseline statt Standardregeln

Die **DEFENDERBOX OT** lernt das normale Verhalten Ihrer OT-Umgebung und erkennt zuverlässig Abweichungen.

Frühwarnsystem für IT- & OT-Bedrohungen

Kleinste Anomalien und potenzielle Angriffe werden frühzeitig erkannt – bevor sie den Betrieb stören.

Individuell angepasste Erkennungslogik

Regeln und Analysen sind exakt auf Ihre Anlagen, Prozesse und betrieblichen Besonderheiten abgestimmt.

Risikobewertung & Dokumentation

Identifizierte Sicherheitslücken werden bewertet und priorisiert. Entscheidungen zur Behebung oder Risikobehandlung werden nachvollziehbar dokumentiert – ideal für Management, Audits und Compliance.

Kontaktieren Sie uns

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Asset Management

Asset Inactivity

Assets

PHOT ASSETS

INTERNET ASSETS

BUSINESS PROCESSES

SCADA ZONES

OPERATIONS LOG

PROCESS VALUES

CYBER VULNERABILITIES

CONNECTIONS

Free Search

Q

ID	Name	IP	MAC	Asset name	Type	Symbol	Vendor name	Severity	Zone
100001	PLC1	192.168.1.10	08:00:27:1A:00:00	PLC1	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100002	PLC2	192.168.1.11	08:00:27:1A:00:01	PLC2	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100003	PLC3	192.168.1.12	08:00:27:1A:00:02	PLC3	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100004	PLC4	192.168.1.13	08:00:27:1A:00:03	PLC4	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100005	PLC5	192.168.1.14	08:00:27:1A:00:04	PLC5	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100006	PLC6	192.168.1.15	08:00:27:1A:00:05	PLC6	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100007	PLC7	192.168.1.16	08:00:27:1A:00:06	PLC7	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100008	PLC8	192.168.1.17	08:00:27:1A:00:07	PLC8	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100009	PLC9	192.168.1.18	08:00:27:1A:00:08	PLC9	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100010	PLC10	192.168.1.19	08:00:27:1A:00:09	PLC10	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100011	PLC11	192.168.1.20	08:00:27:1A:00:0A	PLC11	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100012	PLC12	192.168.1.21	08:00:27:1A:00:0B	PLC12	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100013	PLC13	192.168.1.22	08:00:27:1A:00:0C	PLC13	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100014	PLC14	192.168.1.23	08:00:27:1A:00:0D	PLC14	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100015	PLC15	192.168.1.24	08:00:27:1A:00:0E	PLC15	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100016	PLC16	192.168.1.25	08:00:27:1A:00:0F	PLC16	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100017	PLC17	192.168.1.26	08:00:27:1A:00:10	PLC17	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100018	PLC18	192.168.1.27	08:00:27:1A:00:11	PLC18	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100019	PLC19	192.168.1.28	08:00:27:1A:00:12	PLC19	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100020	PLC20	192.168.1.29	08:00:27:1A:00:13	PLC20	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100021	PLC21	192.168.1.30	08:00:27:1A:00:14	PLC21	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100022	PLC22	192.168.1.31	08:00:27:1A:00:15	PLC22	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100023	PLC23	192.168.1.32	08:00:27:1A:00:16	PLC23	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100024	PLC24	192.168.1.33	08:00:27:1A:00:17	PLC24	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100025	PLC25	192.168.1.34	08:00:27:1A:00:18	PLC25	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100026	PLC26	192.168.1.35	08:00:27:1A:00:19	PLC26	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100027	PLC27	192.168.1.36	08:00:27:1A:00:1A	PLC27	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100028	PLC28	192.168.1.37	08:00:27:1A:00:1B	PLC28	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100029	PLC29	192.168.1.38	08:00:27:1A:00:1C	PLC29	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100030	PLC30	192.168.1.39	08:00:27:1A:00:1D	PLC30	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100031	PLC31	192.168.1.40	08:00:27:1A:00:1E	PLC31	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100032	PLC32	192.168.1.41	08:00:27:1A:00:1F	PLC32	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100033	PLC33	192.168.1.42	08:00:27:1A:00:20	PLC33	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100034	PLC34	192.168.1.43	08:00:27:1A:00:21	PLC34	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100035	PLC35	192.168.1.44	08:00:27:1A:00:22	PLC35	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100036	PLC36	192.168.1.45	08:00:27:1A:00:23	PLC36	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100037	PLC37	192.168.1.46	08:00:27:1A:00:24	PLC37	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100038	PLC38	192.168.1.47	08:00:27:1A:00:25	PLC38	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100039	PLC39	192.168.1.48	08:00:27:1A:00:26	PLC39	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100040	PLC40	192.168.1.49	08:00:27:1A:00:27	PLC40	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100041	PLC41	192.168.1.50	08:00:27:1A:00:28	PLC41	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100042	PLC42	192.168.1.51	08:00:27:1A:00:29	PLC42	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100043	PLC43	192.168.1.52	08:00:27:1A:00:2A	PLC43	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100044	PLC44	192.168.1.53	08:00:27:1A:00:2B	PLC44	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100045	PLC45	192.168.1.54	08:00:27:1A:00:2C	PLC45	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100046	PLC46	192.168.1.55	08:00:27:1A:00:2D	PLC46	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100047	PLC47	192.168.1.56	08:00:27:1A:00:2E	PLC47	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100048	PLC48	192.168.1.57	08:00:27:1A:00:2F	PLC48	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100049	PLC49	192.168.1.58	08:00:27:1A:00:30	PLC49	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100050	PLC50	192.168.1.59	08:00:27:1A:00:31	PLC50	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100051	PLC51	192.168.1.60	08:00:27:1A:00:32	PLC51	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100052	PLC52	192.168.1.61	08:00:27:1A:00:33	PLC52	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100053	PLC53	192.168.1.62	08:00:27:1A:00:34	PLC53	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100054	PLC54	192.168.1.63	08:00:27:1A:00:35	PLC54	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100055	PLC55	192.168.1.64	08:00:27:1A:00:36	PLC55	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100056	PLC56	192.168.1.65	08:00:27:1A:00:37	PLC56	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100057	PLC57	192.168.1.66	08:00:27:1A:00:38	PLC57	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100058	PLC58	192.168.1.67	08:00:27:1A:00:39	PLC58	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100059	PLC59	192.168.1.68	08:00:27:1A:00:3A	PLC59	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100060	PLC60	192.168.1.69	08:00:27:1A:00:3B	PLC60	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100061	PLC61	192.168.1.70	08:00:27:1A:00:3C	PLC61	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100062	PLC62	192.168.1.71	08:00:27:1A:00:3D	PLC62	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100063	PLC63	192.168.1.72	08:00:27:1A:00:3E	PLC63	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100064	PLC64	192.168.1.73	08:00:27:1A:00:3F	PLC64	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100065	PLC65	192.168.1.74	08:00:27:1A:00:40	PLC65	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100066	PLC66	192.168.1.75	08:00:27:1A:00:41	PLC66	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100067	PLC67	192.168.1.76	08:00:27:1A:00:42	PLC67	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100068	PLC68	192.168.1.77	08:00:27:1A:00:43	PLC68	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100069	PLC69	192.168.1.78	08:00:27:1A:00:44	PLC69	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100070	PLC70	192.168.1.79	08:00:27:1A:00:45	PLC70	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100071	PLC71	192.168.1.80	08:00:27:1A:00:46	PLC71	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100072	PLC72	192.168.1.81	08:00:27:1A:00:47	PLC72	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100073	PLC73	192.168.1.82	08:00:27:1A:00:48	PLC73	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100074	PLC74	192.168.1.83	08:00:27:1A:00:49	PLC74	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100075	PLC75	192.168.1.84	08:00:27:1A:00:4A	PLC75	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100076	PLC76	192.168.1.85	08:00:27:1A:00:4B	PLC76	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100077	PLC77	192.168.1.86	08:00:27:1A:00:4C	PLC77	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100078	PLC78	192.168.1.87	08:00:27:1A:00:4D	PLC78	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100079	PLC79	192.168.1.88	08:00:27:1A:00:4E	PLC79	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100080	PLC80	192.168.1.89	08:00:27:1A:00:4F	PLC80	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100081	PLC81	192.168.1.90	08:00:27:1A:00:50	PLC81	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100082	PLC82	192.168.1.91	08:00:27:1A:00:51	PLC82	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100083	PLC83	192.168.1.92	08:00:27:1A:00:52	PLC83	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100084	PLC84	192.168.1.93	08:00:27:1A:00:53	PLC84	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100085	PLC85	192.168.1.94	08:00:27:1A:00:54	PLC85	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100086	PLC86	192.168.1.95	08:00:27:1A:00:55	PLC86	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100087	PLC87	192.168.1.96	08:00:27:1A:00:56	PLC87	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100088	PLC88	192.168.1.97	08:00:27:1A:00:57	PLC88	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100089	PLC89	192.168.1.98	08:00:27:1A:00:58	PLC89	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100090	PLC90	192.168.1.99	08:00:27:1A:00:59	PLC90	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100091	PLC91	192.168.1.100	08:00:27:1A:00:5A	PLC91	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100092	PLC92	192.168.1.101	08:00:27:1A:00:5B	PLC92	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100093	PLC93	192.168.1.102	08:00:27:1A:00:5C	PLC93	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100094	PLC94	192.168.1.103	08:00:27:1A:00:5D	PLC94	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100095	PLC95	192.168.1.104	08:00:27:1A:00:5E	PLC95	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100096	PLC96	192.168.1.105	08:00:27:1A:00:5F	PLC96	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100097	PLC97	192.168.1.106	08:00:27:1A:00:60	PLC97	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100098	PLC98	192.168.1.107	08:00:27:1A:00:61	PLC98	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100099	PLC99	192.168.1.108	08:00:27:1A:00:62	PLC99	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control
100100	PLC100	192.168.1.109	08:00:27:1A:00:63	PLC100	PLC	PLC	SIEMENS SIMATIC	Medium	Basic control

Asset Inactivity

Asset Inactivity

RADIFLOW

UNTERSTÜTZTE PROTOKOLLE

Industrie Standards

- Profinet (RT, IO-CM, DCP, MRP) & Profibus
- IEC 61850 Suite (MMS, GOOSE, SV, GSE)
- IEC 60870-5-101 (over TCP/IP), IEC 60870-5-104,
- IEC 60870-5-7, IEC 60870-6 (ICCP/TASE.2)
- DNP3
- Ethernet/IP, CIP, CIP I/O
- OPC, OPC UA, OPC DA
- BACNET TCP/IP
- KNXnet/IP
- HART/IP
- Foundation Fieldbus HSE

Industrie Anbieter Protokolle

- Schneider Electric: Modbus RTU, Modbus TCP, Modbus UMAS Extension, Triconex
- Siemens: S7, S7+, S7 over Ethernet
- Mitsubishi: MELSEC/MEL-SOFT, CC-LINK IE Field, CC-LINK IE-Control, CC-Link Field Basic, CC-Link TSN, SLMP
- Rockwell Automation: PCCC (Allen Bradley), CIP, CompactLogix Extension, CSP2, FactoryTalk
- ABB: AC500, Totalflow
- GE: SRTP, EGD, iFix
- Honeywell: Experion, FTE, SRP
- Emerson: ROC, DeltaV, Ovation
- Beckhoff: ADS, EtherCAT
- Johnson Controls: N1, N2 (Encapsulated)
- Omron: FINS
- Bristol: BSAP/IP
- OsiSoft: PI-Connect, PI ACE
- Yokogawa: Vnet/IP
- Unitronics: PCOM
- Moxa: Monitoring, Discovery, Management

Support für IT/IoT Protokolle

- TCP/IP
- ICMP
- IGMP
- ARP
- DHCP
- OSPF
- BGP
- RIP
- LLDP
- CDP
- NTP
- DNS/mDNS
- PTP
- SNMP
- Syslog
- VNC
- RDP
- FTP/TFTP/SFTP
- Telnet
- SSH
- HTTP/s
- SSL/TLS
- SQL
- DCE/RPC
- NetBIOS Name/Datagram/Session Service
- SMB/CIFS
- GIOP
- MQTT
- AMQP/s
- CoAP/s
- CAPWAP (Data, Control)
- RTP/RTCP/RTSP

Support für verschiedene industrielle Ethernet-Topologien

- Profinet
- CC-Link
- Ethernet/IP DLR
- EtherCAT
- Powerlink
- QNX Qnet
- SERCOS III

Radiflow Integrationen von Drittanbietern

Die Integration von Drittanbietern in Radiflow erfüllt spezifische Kundenanforderungen, indem sie eine ganzheitliche Lösung durch gemeinsame technische Zusammenarbeit mit bestehenden Anbietern von Sicherheitsökosystemen ermöglicht.

Traffic Policy Management	SOC Ecosystem / SIEM	Asset/Process Management	Radiflow Enrichment (iSID Data Feed)	CIARA Data Feeds
Fortinet FortiGate Cisco Cisco ISE Palo Alto NGFW RSA SecurID – IDM Cyolo SRA	Fortinet FortiSIEM IBM QRadar HPe ArcSight Splunk Splunk RSA NetWitness Stellar Cyber Microsoft Sentinel	Splunk Splunk OT ServiceNow CMDB ServiceNow OTM ServiceNow VRM Palo Alto Panorama	Cervello SIGA SIGAGUARD Palo Alto NGFW Fortinet FortiGate Asset Guardian CopaData Xenon	Microsoft D4IoT Nozomi Guardian Claroty CTD Claroty xDOME Tenable Nessus Awen Collective DOT

Zusätzliche Integrationsmethoden

- REST API
- Syslog
- CSV Reports
- Modbus (CopaData SCADA)
- DNP3 (GE RTU / PowerON SCADA)
- SNM