

METADEFENDER™

OT Security

OT Asset Discovery, Inventory, and Patch Management—Simplified

MetaDefender OT Security addresses risks to OT systems from both traditional IT and specific ICS threats. Designed for enterprise-level deployments, MetaDefender OT Security's Enterprise Manager provides unparalleled visibility into converged IT/OT operations, delivering deep situational awareness of threats throughout the network.

MetaDefender OT Security helps to protect your critical assets by maximizing your visibility, security, and control across your entire operations, while ensuring compliance with regulatory requirements.



Key Features

-  **Centralized OT Security:** Protects geographically dispersed OT networks from a single-pane-of-glass.
-  **Asset Inventory:** Conducts comprehensive tracking and vulnerability assessment of all assets.
-  **AI-Powered Threat Detection:** Leverages an advanced real-time analytics engine to detect threats, unusual communication, and asset behavior changes.
-  **Integrated Patch Management:** Streamlines and securely updates PLC firmware to patch vulnerabilities.
-  **Risk-Based Alerting:** Prioritizes alerts with accurate risk scores and actionable response insights.
-  **Flexible Asset Monitoring:** Captures asset details through active, passive, and Smart Asset Profiling methods.
-  **Intrusion Prevention:** Integrates with MetaDefender Industrial Firewall for proactive threat mitigation.
-  **Compliance Reporting:** Simplifies compliance tracking for global and industry-specific regulations, ensuring readiness for audits.

Deployment Options

Components	Network Sensor		Site Server		Enterprise Management Server	
Form Factors		Virtual Machine		Virtual Machine		Virtual Machine
		DIN Rail		1U		1U
		1U				

	Network Sensor DIN Rail	Network Sensor 1U	Site Server Virtual Machine	Enterprise Mgmt. Server Virtual Machine
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Processing

Max Assets Supported	200 per sensor	500 per sensor	5,000 per server	100,000
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Hardware

CPU	Atom x6425E, 2.0Ghz	12th generation Intel® i7-12700	Variable	
Cores	4	12	16-32	8-16
RAM	8GB	32GB ECC	32-64GB	16-32GB
Storage	128GB	2TB SSD	4-8TB	2-4TB
Dimensions	5.75 x 5 x 3.07" [146 x 127 x 78mm]	2 x 17 x 14" [51 x 432 x 356mm]	Variable	
Weight	3.2lb [1.45kg]	25lb [11.34kg]	Variable	

Connectivity

Ports	3x 2.5 GbE 1x 1GbE SFP 1x HDMI 2.0 2x USB 3.1 Gen 2	3x 2.5 GbE 4 PCIe slots	2x GbE ¹	2-3x GbE ¹
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Electrical

Redundant Power Supply	Dual Power Input	ATX PWR [24+8-pin]	Variable
Voltage	12-36VDC	N/A	Variable
Power Consumption	60W	125W	Variable
Operating Thermal Range	-40°F to 167°F [-40°C to 75°C]	-4°F to 158°F [-20°C to 70°C]	Variable

Protocol & Certification

Certification	EC FCC Class A C1D2 UL62368	CE FCC	Variable
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1. Requirements