

METADEFENDER

OT Access™

Industrial Secure Remote Access

MetaDefender OT Access is a secure remote access solution purpose-built for OT & CPS environments, enabling controlled connectivity for third parties, OEM vendors, and remote personnel without exposing critical infrastructure to unnecessary risk.












Unlike traditional VPNs that offer broad, unsupervised access with no real-time visibility, MetaDefender OT Access uses a tightly controlled, line-of-sight model

that ensures users can only interact with the specific OT systems they are authorized to reach—nothing more.

This unified platform securely connects remote users through a centralized access point, giving security teams deep, real-time visibility and control over every session. By eliminating lateral movement and continuously monitoring activity, it dramatically reduces the OT attack surface while maintaining operational efficiency and compliance.



Key Features

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|  | Unified Remote Access
One software solution for all remote users, no hardware needed. |  | Fine-Grained Access Control
Define access by protocol, role, and user activity. |
|  | Fast Setup
Deploy in under a day, simpler than traditional VPNs. |  | Comprehensive Device Checks
Enforce endpoint security with MetaDefender Endpoint. |
|  | Flexible Hosting Options
Choose between AWS, your VM, or a rack-mounted appliance. |  | Secure SSO Access
Share credentials securely with SSO and two-factor authentication. |
|  | Enterprise Integration
Connect with AD, Splunk, MetaDefender Managed File Transfer, and MetaDefender Core. |  | Firewall-Friendly Connectivity
Outbound-only TLS tunnel avoids firewall changes. |
|  | Advanced Traffic Control
Enforce policies with deep packet inspection and real-time blocking. |  | Live Session Monitoring
Real-time supervision and response to user actions. |
| | |  | Full Audit Trail
Record and log all sessions for compliance and reviews. |

Technical Specifications - MetaDefender OT Access 1U Server

Electrical	
CPU	Intel® i7 processor or higher
RAM	32 GB RAM
Disk Drive	2 1TB Disk, Mirrored
Network Interface	1G NIC
Redundant Power Supply	350-watt redundant PSU
Voltage	100-240VAC, auto ranging
Power Consumption	Typical ~ 160W
USB Interface	1 USB socket
PCIe Slots	1 x Intel PCIe Gen 3.0 slots
Power Cord	Order to comply with destination country requirement

RELIABILITY/Environmental	
MTBF	> 50,000 hours
Temperature Range (Operating)	0 – 55°C [32-131 °F]

Hardware	
1U Rack mountable	Single 1U 19" rack mountable
Weight	12.2kg (27lb)
Mounting	Rack L-bracket rail and rail mounting kit supplied
Dimensions	483 x 44 x 400mm (19 x 1.75 x 15.75")

Protocols & Certification	
Industrial	Modbus, OPC UA, SLMP, FINS, S7COMM, ETHERNET I/P
IT	TCP, HTTP, HTTPS, RDP, TELNET, SSH
IT Monitoring	SYSLOG, SPLUNK, RDP Live Monitoring, RDP Recording, Session Termination
File Transfers	Integrated with MetaDefender Managed File Transfer and MetaDefender Core for Secure File Transfer
Certifications	FCC/CE/UKCA

Native Policy Controls				
FINS	✓	✓	✗	✗
Modbus	✓	✓	✗	✗
OPCUA	✓	✓	✗	✗
S7	✓	✓	✗	✗
SLMP	✓	✓	✗	✗
RDP	✗	✗	✗	✗
Ethernet IP	✗	✗	✗	✗
VNC	✗	✗	✗	✗
HTTP(S)	✗	✗	✓	✓
ssh	✗	✗	✗	✗
telnet	✗	✗	✗	✗