



AEon CyberDefense MTCDS **(Multiple-Threat CyberDefense System)**

AEon CyberDefense MTCDS Appliances provide the most complete and accurate coverage of Command & Control (C2) Infrastructure employed by state-of-the-art malware. Working transparently without altering the topology of your networks, it doesn't employ proxies which downgrade your secure connections.

They feature built-in Full Spectrum CyberThreat Analysis and Defense capabilities and Forensic Analysis Tools. An AI-based engine which keeps Defensive capacities updated periodically maximizes protection to Companies and Organizations.

Our MTCDS Appliances are extremely effective in the following scenarios:

- Ransomware
- Spyware
- DNS Malware
- Worms & Trojans
- Brute Force attacks
- Botnets
- Vulnerabilities & Exploits
- Backdoors
- DoS and DDoS Attacks
- SCADA/ICS CyberThreats
- Smartphone & Tablet Malware
- IoT Compromise

- Compromised Medical Devices
- Security Policy Violations
- Malicious Infrastructure Scan
- TLS Anomalies & Events
- P2P Activity & CyberThreats
- Chat & Messaging Activity
- Network Equipment Misconfiguration
- TOR Traffic Analysis
- Web & Application Server Infection

Early Alerts are fundamental in order to continuously enhance the Security & Resilience of your Company Infrastructure avoiding breaches in your Corporate or Industrial Networks. Our Forensic Data Consoles allow the detection of exfiltration and theft of data, providing a global landscape of your Network Behavior in Near Real-Time.



General Characteristics:

- Transparent IDPS Mode (Proxy is not necessary)
- Single-Pass Full Spectrum Deep Packet Inspection
- ADP-OS V6 (Military-Grade Operating System)

Management:

- Secure Web Interface
- MTCDS SIEM console. (On-Engine Event Correlation)
- Command Line Interface (SSH)

High Availability:

- Fail-Safe filtering interfaces.
- High Availability Characteristic allows network connectivity even in the case of catastrophic failure.

Networking Type:

- Ultra-Low-Latency “Bump On The Network”
- Transparent Filtering allows all legitimate traffic and has All-Protocol Support.
- Up to 10Gbps of Full Spectrum CyberDefense per fail-safe Interface Pair.

Protection against CyberThreats:

- DoS, DDoS, Attacks, malformed/fragmented packets, Advanced Persistent Threats (APTs), Mobile Malware, IoT device compromise, Botnets, Ransomware, SCADA/ICS CyberThreats etc..

VoIP & Messaging App Monitoring:

- H.323, SIP, session security, detection and protection against vulnerabilities in VoIP Equipment.
- Detection of Activity of Messaging Apps.

Web Filter Option:

- Completely tailored to Customer's needs.

Private Satellite Time-Sync Services Option:

- Protection Against Compromised NTP Servers.

Data Loss Prevention:

- Custom DLP Defenses created On Demand.

Security Subscriptions:

- IDPS & Advanced Persistent Threat CyberDefense with Single Device-As-A-Service License.

Certifications:

- EAL4+
- FIPS 140-2



Technical
Specifications
MTCDS
Enterprise
Appliance



**MTCDS Enterprise
Up to 12Gbps
Threat Prevention**

Analysis & Defense
OSI Layers

OSI Layers L3-L7

App Protection
Capabilities

36,000+ Apps

Full Spectrum
CiberDefense
Throughput

Base Configuration

2x 1Gbps RJ-45

+

1x 10Gbps SFP+

12Gbps Threat Prevention

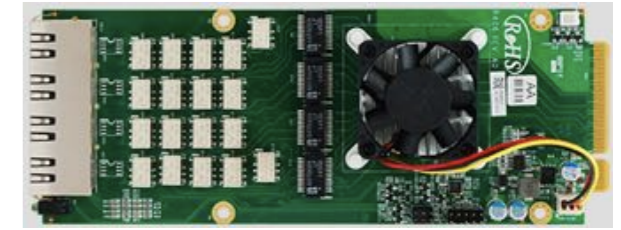
Optional Physical Interfaces

(Functionality requires at least 1 interface pair)

Failover Capabilities

Options

4x 1Gbps RJ-45 (2 pairs)



8x 1Gbps RJ-45 (4 pairs)



2x 1Gbps SFP (1 pair)



2x 10Gbps SFP+ (1 pair)

(Interface selection up to combined maximum speed of 12Gbps)



Redundant Power Supply
&
Remote Lights-Off
Management

**Maximum Events
Per Second**

**1000+ Ev/sec.
Full Spectrum**

High Availability

**Bypass-On-Failure
Tier 1**

**Modules/Optional
Services**

**Custom Web Filter

DLP

Satellite Time-Sync**

**Data Export
Capability**

Yes, via Syslog

**Power Usage
(Watts)**

On Idle Power: 113Watts

On 70% Load: 169Watts

On 100% Load: 207Watts

**Environmental
Temperature
Range**

Operation: 0...+40 C (32...+104 F)

Storage: -20...+75 C (-4...+167F)

**Event Storage
Options**

Options

500GB Single/Redundant Solid State

1TB Single/Redundant Solid State

2TB Single/Redundant Solid State

Appliance
Warranty

3 Years

Form Factor/
Dimensions

Rack 1U

440mm (W) x 600mm (D) x 44mm (H)

