SecuriCDS® ZoneGuard PE250

Empowering and enabling precise information exchange

SecuriCDS ZoneGuard PE250 offers secure, two-way information exchange, that safe-guards your assets at all times. With full integration of separation technology, the ZoneGuard PE250 enforces your information policy automatically on all information sent between systems or security domains, acting as a data loss and intrusion prevention solution.

ZoneGuard PE250

- Separation technology to achieve secure information exchange between two separate systems.
- Validates the information so content and structure is in accordance with a defined information policy.
- Sets focus on the information handling, not the transport protocol used.
- Full message inspection.
- Safeguards information transfer.
- Customer defined policies.

Advantages

- Tool for secure integration of systems, cross security domains, e.g. system boundary protection.
- Role based system with separation of duties.
- Enables NTP import for sensitive network.
- Enforces organisational IT Policy on system integration.
- Enables allowlisting down to information level.
- Full audit trail capabilities.
- Protocol break and full message inspection to reduce attack surface.
- CDR capabilities through transformation of information.

Secure information exchange

ZoneGuard PE250 offers a custom-fit, yet simple, information policy-based solution. It empowers organisations who need to enable secure and precise information exchange between varying security domains. Typical use cases include:

- Segmentation of networks to mitigate attack vectors.
- Integration between systems or domains with different security classifications.
- Securing information exchange in a digital transformation context.
- Safe-guarding systems from e.g. protocol or implementation flaws and giving system owners explicit control of the information exchange.
- Protecting critical information flows as a bidirectional Security Gateway.

Full application support & protocol flexibility

The ZoneGuard PE250 has services such as http, file transfer, email transfer or customised solutions. File finger printing and validation down to byte level are supported. Each piece of information can be checked both independently of, and in relationship to, one another.

Administration and log

The main configuration of the ZoneGuard PE250 is handled in a stand-alone application. An administration web interface allows direct device management, and for active and automated device monitoring, Syslog and SNMP is supported.

ZoneGuard PE250 Technical Data

10Gb bidirectional Security Gateway.

Services

File Transfer: FTP, SFTP, SMB, NFS
Email: SMTP
Web App integration: HTTP/HTTPS, SOAP
Custom Solutions

Ports

Network data (Upstream + Downstream)
2x 10 Gbit SFP+
Optical long-range/short-range/RJ45 copper modules available
Administrative data (Admin+Log)
2x 1 Gbit Ethernet (RJ45)

Electrical Characteristics

Input voltage
100-240VAC, 50-60Hz
Power consumption
250 W

Environmental Characteristics

Operating temperature
10°C - 35°C
Transport and storing temperature
-40°C - 70°C
Cooling
Built-in fan

Performance

Network interfaces
10 Gbit Ethernet wire speed

Dimensions and Weight

Device Size (WxDxH)
437x429x43 (1U) mm
Device Weight
6,8 kg | 7,2 kg w/ rails

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