



SAFENET EDGESECURE

PRODUCT BRIEF

Benefits

Comprehensive protection—

- Integrate EdgeSecure into a comprehensive security solution that protects data from the data center to the far reaches of the enterprise.

Streamlined implementation—

- Capitalize on automated, transparent deployment to secure edge locations quickly and without disrupting applications or users.

Regulatory compliance—

- Achieve compliance with strict mandates by extending security to retail stores and branch offices.

Today's enterprises extend far beyond corporate headquarters. Whether your organization operates in retail, healthcare, manufacturing, financial services, energy, or government, you create, access, and store critical information in a range of physical locations. Those locations are integral to your business, and they demand the same comprehensive data security that you've deployed in your data center.

SafeNet EdgeSecure appliances provide an efficient and cost-effective solution for protecting data across hundreds or thousands of retail stores, remote facilities, or branch offices. With flexible integration, streamlined management, and enterprise-grade reliability, EdgeSecure solutions enable you to bring robust security to the far reaches of the enterprise.

Robust security

EdgeSecure addresses a broad range of data security threats by employing multiple types of encryption and providing secure policy and key management, all from a single appliance. EdgeSecure also enables segregation of duties to avoid potential problems arising from "privileged-user" status. By using EdgeSecure in remote locations, you can raise your level of protection throughout your business.

Streamlined management

Extending robust security to remote locations shouldn't add IT complexity or require you to hire extra personnel. EdgeSecure helps simplify security management by enabling automated and transparent integration of security with applications. Centralized key and policy management streamline ongoing maintenance, tighten security, and help ensure regulatory compliance.

Performance and reliability

EdgeSecure appliances offload processing-intensive cryptographic functions from servers, enabling applications to perform at optimal levels even in the most demanding environments. Load balancing, failover, and disaster recovery capabilities help ensure high availability of security functions.

Flexible, multi-tier integration

With EdgeSecure, you can incorporate encryption and access control easily at the Web, application, and database level. With support for several leading, standards-based cryptographic algorithms, EdgeSecure lets you use a single appliance to support multi-vendor environments.

Features

Scalable architecture—Adopt a security architecture that can scale security to thousands of remote locations.

Centralized management—Simplify management, maximize security, and achieve regulatory compliance with centralized management of cryptographic keys, policies, and software

Technical Specifications

Performance

- Processes 2,500 secure cryptographic operations per second
- Less than 250 microseconds latency

Security algorithms

- 3DES, DES, AES, RSA (signatures and encryption), RC4, SHA-1, HMACSHA-1

Asymmetric key sizes

- 512, 1024, 2048

Symmetric key sizes

- 40, 56, 128, 168, 192, 256

Certificate management

- Multiple certificates, built-in certificate authority, manage certificate requests, certificate revocation list (CRL) support

Network management

- SNMP (v1, v2, and v3), NTP, URL health check, signed secure logs, syslog, automatic log rotation, encrypted and integrity checked backups and upgrades, extensive statistics

System administration

- Secure Web-based GUI, secure shell (SSH), console

Web and application servers supported

- BEA, IBM, IIS, Oracle, Apache, Sun ONE, JBoss, SAP, and other POS environments

Enclosure

- Small Form Factor: Width: 11.625" (295.3 mm); Depth: 10.25" (260.3 mm); Height: 2.5" (63.5 mm) Gross weight: 7.9 lbs (3.8kg)

Processors

- One VIA C3 800 MHz processor

Network interfaces

- 1–10/100 Mbps

updates, as well as logging, auditing, and reporting functions.

Flexible integration—Integrate security into heterogeneous, multi-vendor environments with support for leading, standards-based cryptographic algorithms.

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