



SafeNet Hardware Security Modules

PRODUCT OVERVIEW

SafeNet HSM Benefits

- Flexible/scalable/secure design adapts to your growing business
- Ensures audit readiness
- Increases data security
- Ensures security and regulation compliance
- Safeguards data and processes within hardware

An Integrated Suite of Data-centric Security Solutions to Protect Data and Achieve Compliance

SafeNet Luna SP

SafeNet Luna SP secures Java™ based and Web services applications with a protected application execution environment, powerful access control policies, to protect the integrity of applications and deliver high-performance cryptographic processing and key management



- Can be deployed anywhere on the network
- Up to 4000 TPS (RSA signatures)
- Includes a FIPS 140-2 L3 validated cryptographic module
- Includes a Common Criteria EAL 4+ cryptographic module (validation in process)
- Allows for autonomous, high assurance secure application offering onboard an industry leading HSM appliance

SafeNet Luna SX

SafeNet Luna SX is a central management console for rapid HSM setup and easy remote administration for the SafeNet Luna SA and Luna SP.



- Rapid HSM deployment
- Robust security & authentication
- Comprehensive audit trail

SafeNet ProtectServer External

SafeNet ProtectServer External is a highly flexible and cost-effective network-attached HSM to perform as a central cryptographic subsystem for delivery of comprehensive symmetric and asymmetric cryptographic services.



- Includes a FIPS 140-2L3 validated cryptographic module
- Speeds of up to 600 RSA signature operations/sec.
- Rich OS and cryptographic API support
- Allows for development and execution of HSM custom code (functionality mode)

SafeNet Hardware Security Modules (HSMs) provide reliable protection for applications, transactions, identities, and information assets for enterprise and government organizations to ensure regulatory compliance, reduce the risk of legal liability, and improve profitability. SafeNet HSMs are the most secure and highest performance solution for the protection of cryptographic keys, the provision of encryption, decryption, authentication and digital signing services, as well as the protection of payment transactions and card and PIN issuance.

SafeNet Luna XML

SafeNet Luna XML is designed for securing identities and documents used in Web services application. It has a zero footprint on the host application server providing for rapid, independent, flexible, cost effective, and highly scalable deployments.



- Only HSM on the market with an XML interface, eliminating operating system dependencies
- High availability and scalability
- Cryptographic services can be deployed as a shared service within the deployed enterprise Web services
- Firmware is a FIPS 140-2 L3 and a Common Criteria EAL 4+ (in process) validated cryptographic module

SafeNet Luna SA

SafeNet Luna SA is a flexible, high assurance and high performance network-attached HSM providing up to 5,500 signings per second and hardware protected key management where security and performance are a top priority.



- Logical partitioning of up to 20 individual user object spaces (partitions) each providing their own unique access control and policy settings
- First HSM on the market to integrate with Microsoft SQL Server 2008, CertServ, Identity LifeCycle Manager, Rights Management Services
- Includes a Common Criteria EAL 4+, and a FIPS 140-2 L3 validated cryptographic module
- Rich OS and cryptographic API support
- Remote Pin Entry Device authentication support, for a high assurance and cost effective deployment in a distributed environment

SafeNet Luna CA

SafeNet Luna CA offers the strictest hardware security for Certificate Authorities (CAs) issuing digital identities in PKIs. It protects the PKI root key and performs all key management, key storage, and key operations (such as digital signing) exclusively within hardware.



- Two factor trusted path authentication
- Tight integration with leading CAs –built for HSM best practices
- Includes a CC EAL 4+ (validation in process), and FIPS 140-2 L3 validated cryptographic module

SafeNet Luna PCI

SafeNet Luna PCI is a family of cryptographic PCI accelerator cards that power the SafeNet HSMs such as Luna SA. It is available in a range of models and configurations offering multiple security, performance, and operational capabilities.



- Highest performing on market, up to 7000 TPS
- FIPS-140-2, cryptographic module FIPS 201
- True trusted path authentication
- Common Criteria EAL 4+ in process

“We need a reliable partner to generate added value for our business and for our customers.

SafeNet, with its security expertise and leading technology, is the best choice to ensure the authenticity of our invoices and bring peace of mind to us and all our customers.”

Jan Goosens

Manager Software Development,
Antwerp Port Authority

SafeNet ProtectServer Gold

A PCI Adapter-based HSM, SafeNet ProtectServer Gold is a highly flexible, application friendly and cost effective HSM that provides a wide range of cryptographic services including high-speed encryption, user and data authentication, message integrity, as well as secure key storage and key management for e-Commerce.



- Processing speeds up to 600 RSA signatures
- FIPS-140-2 cryptographic module, FIPS 201
- Customizable Functionality Module
- Rich OS and cryptographic API support
- Allows for development and execution of HSM custom code (functionality mode)

SafeNet Luna PCM

SafeNet Luna PCM is a low-cost family of compact HSMs offering hardware-based key management and hardware-accelerated cryptographic performance within a compact PCMCIA card.



- Portable digital signing
- FIPS 140-2 L2 cryptographic module, and FIPS 201
- Standard APIs

SafeNet HSM Payment (formerly ProtectHost EFT)

SafeNet HSM Payment is a network attached HSM designed and optimized for retail Electronic Funds Transfer (EFT) payment system environments providing dedicated security services for ATM, POS, and Internet card transactions using mag-stripe and chip-based credit and debit cards. It offers payment specific cryptographic processing, secure key storage, PIN generation and verification, as well as card and PIN issuance functionality.



- Up to 1200 Visa PVV operations per second
- Meets global Payment Scheme, EMV and Card Issuance standards
- PIN and custodian key data printed directly to the mailer stationary
- Includes a FIPS 140-2 cryptographic module

HSM Payment Toolkit

SafeNet's HSM Payment Toolkit is a host support, API and communications software package enabling convenient and direct access to SafeNet's line of payment specific and enabled HSMs, allowing for quick and easy application integration and run-time execution.



- Up to 1200 Visa PVV operations per second
- Meets global Payment Scheme, EMV and Card Issuance standards
- PIN and custodian key data printed directly to the mailer stationary
- Includes a FIPS 140-2 cryptographic module

“The SafeNet ViewPIN+ solution has helped us reduce our overhead costs significantly, as well as provide our customers with the convenience and security they not only expect, but deserve.”

Stuart Horler

Lead Security Architect, Egg plc

SafeNet ViewPIN+

For banks, credit card issuers, telecom operators, and retailers with membership/PIN cards, SafeNet’s award-winning ViewPIN+ is the only secure Web-based PIN issuance and management solution that delivers unprecedented customer satisfaction and proven cost savings by eliminating expensive, insecure, and time-consuming paper-based PIN delivery to customers. Prevents unauthorized access to sensitive HSM administration functions.



- Safe, fast, easy, and cost-effective PIN issuance
- Highest security available
- Increases competitive advantage, customer satisfaction, and profitability
- Easy to integrate and deploy

Enterprise Data Protection

SafeNet HSMs are a key component of SafeNet’s comprehensive enterprise data protection solution to reduce the cost and complexity of regulatory compliance, data privacy, and information risk management. SafeNet Enterprise Data Protection (EDP) is the only solution that secures data across the connected enterprise, from core to edge, protection of data at rest, data in transit, and data in use. Unlike disparate, multi-vendor point solutions that can create limited “islands” of security, SafeNet EDP provides an integrated security platform with centralized policy management and reporting for seamless, cost-efficient management of encrypted data across databases, applications, networks, and endpoint devices. For more information, visit www.safenet-inc.com/EDP

About SafeNet

Founded in 1983, SafeNet is a global leader in information security. SafeNet protects its customers’ most valuable assets, including identities, transactions, communications, data and software licensing, throughout the data lifecycle. More than 25,000 customers across both commercial enterprises and government agencies and in over 100 countries trust their information security needs to SafeNet.



Contact Us: For all office locations and contact information, please visit www.safenet-inc.com

Follow Us: www.safenet-inc.com/connected

©2010 SafeNet, Inc. All rights reserved. SafeNet and SafeNet logo are registered trademarks of SafeNet.

All other product names are trademarks of their respective owners. PO (EN) A4-08.10.10