



SafeNet Enterprise Data Protection

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





Securing Today's Connected Enterprise

Today, data management extends not only to widely distributed locations and workforces, but also to partners, outsourcing vendors, and shared service providers. As data is collected, shared, processed, and stored over increasingly complex networks, companies face much greater risk of data theft, loss, and leakage.

Traditional perimeter defenses and point solutions are no longer adequate to address today's data protection pain points, which span across remote locations, mobile workforces, and partner affiliations. These traditional point solutions simply can't stop information leakage at the network edge where there is no edge, and inside threats are indistinguishable from outside threats. Enterprise-wide data protection must, therefore, provide a secure, yet easy-to-use, platform approach, with integrated management services that reach across databases, applications, file servers, networks, and endpoint devices.

By using a foundation of data encryption to protect the data itself, combined with comprehensive key management to control the access to that data, organizations can ensure the privacy and control of that information wherever it goes. And because that same foundation can be used for multiple applications across the enterprise, organizations can increase operational efficiency, all while ensuring privacy, managing risk, and achieving regulatory compliance.

Strategic Objectives

Holistic strategy to addressing long-term business and IT goals

Data Governance and Compliance

Today, it is not enough for organizations to comply with legislative mandates. In order to maintain their compliance posture, organizations need to align technology decisions to business processes, and invest in ongoing auditing, monitoring, logging, and data integrity. Effective IT governance can only be achieved through systematic collaboration, transparency, standardization, and accountability.

Enterprise-wide Data Protection

The most effective approaches consider security for data in all its forms—in motion, at rest, and in use. They consider how the data security will be managed across the network, and they consider governance, technical extensibility, future data types and regulatory compliance requirements.

Enterprise data protection, therefore, must be a strategic approach comprised of encryption, secure key management, and centralized policy and controls to achieve information protection across databases, applications, networks, and endpoint devices.

Integrated Platform Approach

Enterprise IT environments continue to grow and diversify at an explosive rate, while pressures to protect data, yet cut costs, in a changing compliance landscape continue to increase. Therefore, effective compliance programs must start with an integrated platform approach that lays down an extensible foundation to accommodate future growth and security for new data types. Key and policy management must be integrated and centralized to provide greater control and visibility to information, and streamlined to ensure the highest levels of security and demonstrate compliance.



A Unified Approach to Solving Your Data Protection Needs

SafeNet provides a secure and comprehensive enterprise data protection solution that reduces 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 entire organization—at rest, in transit, and 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 management of encrypted data throughout its life cycle.

SafeNet’s integrated suite of EDP solutions includes data encryption hardware, disk and file encryption software, hardware security modules for databases and applications, and endpoint security. When deployed as a solution, these technologies provide the most comprehensive and effective security, control, and management of data access across databases, applications, networks, and endpoint devices.

For more information, visit

www.safenet-inc.com/edp

SafeNet EDP is comprised of industry award-winning solutions:

- Database and application data encryption
- Disk and file encryption
- Centralized key management
- Network and WAN encryption
- Multi-factor authentication

Complete information security for file servers, networks, and endpoints

Database and Application Data Encryption

SafeNet’s award-winning appliance-based encryption solution provides granular field- and column-level encryption capabilities and that can be integrated at the Web, application, or database layer. SafeNet centralizes key management, logging, auditing, and authorization policies on a single platform, which simplifies administration and eases the overall management of information.

IT Goals:

- Meet compliance requirements for encryption, key management, and multiple credentials
- Secure sensitive data in databases and application servers, including mainframe z/OS
- Flexible implementation points
- Scalable across multiple business applications

Business Drivers:

- Risk mitigation of data theft and breaches
- Data and personnel integrity
- Brand protection
- Enterprise-wide data protection

Compliance Solution For:

- ISO 27001-5.1; 6.2; 7.1; 8.2; 9.2; 10.7; 11.1-11.3; 11.6; 12.1; 12.3; 12.4; 15.1; 15.3
- PCI DSS- 3.1-3.6
- HIPAA- 164.308 (a); 164.310 (c); 164.312 (a); 164.312 (c); 164.312 (d); 164.312 (e)

Disk and File Encryption

The award-winning disk and file encryption solutions from SafeNet address the need to secure sensitive data residing on company laptops and mobile storage media through robust encryption. SafeNet solutions enable companies and government agencies to not only deploy the most trusted security available, but significantly minimize the cost of ownership by leveraging existing central management systems, such as Active Directory.

ty across databases, applications, point devices

IT Goals:

- Mobile security
- Secure sensitive data in shared file directories

Business Drivers:

- Streamlined administration and reduced cost
- Minimize total cost of ownership

Compliance Solution For:

- ISO 27001- 5.1; 6.2; 9.2; 10.7-10.8; 11.3; 11.7; 12.1
- PCI DSS- 3.1-3.6
- HIPAA- 164.308 (a); 164.310 (c); 164.310 (d); 164.312 (c); 164.312 (d); 164.312 (e)

Centralized Key Management

SafeNet offers secure and centralized key and policy management through its award-winning database encryption, Hardware Security Modules (HSMs), and disk encryption technologies. SafeNet provides iron-clad security of cryptographic keys, with the convenience of having centralized management for keys, policies, and audit logs.

IT Projects

- Meet compliance requirements
- Central management of keys and policies

Business Drivers:

- Streamlined compliance reporting
- Simplified management

Compliance Solution For:

- ISO 27001- 5.1; 6.2; 7.1; 9.1-9.2; 10.4-10.5; 10.7-10.9; 11.1-11.3; 11.5-11.6; 12.1; 12.3-12.5; 14.1; 15.1; 15.3
- PCI DSS- 3.1-3.6
- HIPAA- 164.308 (a); 164.310 (c); 164.312 (a); 164.312 (c); 164.312 (d); 164.312 (e)

Network and WAN Encryption

SafeNet's high-speed network encryption is the most cost-effective solution for protecting sensitive data in transit. SafeNet's family of network security devices provides the fastest and easiest way to integrate robust, FIPS-certified network security to protect all data, structured and unstructured, with high performance and virtually no latency.

IT Goals:

- Securing data across remote locations, storage area networks, and data centers
- Secure voice and video data transmissions
- Maintain the high performance and availability of networks

Business Drivers:

- Ease of management
- Simplified administration

Compliance Solution For:

- ISO 27001- 10.5-10.6; 11.4; 11.7; 14.1
- PCI-DSS- 4
- HIPAA- 164.308 (a); 164.310 (d); 164.312(e)
- Nevada NRS597.970
- Mass 201 CMR 17.00

Multi-Factor Authentication

SafeNet smart cards and USB tokens are advanced authentication devices that secure users credentials, such as passwords, keys, certificates, OTP's or biometrics. Built with the most advanced technology, SafeNet supports PKCS #11 and MS-CAPI interfaces, allowing for seamless integration and interoperability with identity and access management applications.

IT Goals:

- Strong PKI technology and security, carrying FIPS and Common Criteria validations
- Secure key generation and storage in hardware

Business Drivers:

- Risk mitigation
- Personnel integrity

Compliance Solution For:

- ISO 27001- 5.1; 6.2; 7.1; 9.1-9.2; 10.6-10.7; 11.1-11.7; 12.1
- PCI DSS- 3.1-3.6; 9.0-9.1
- HIPAA- 164.308 (a); 164.310 (a); 164.310 (c); 164.310 (d); 164.312 (e)



The World's Most Trusted Enterprise Data Protection Company

SafeNet is the foundation of true enterprise data protection, delivering these benefits:

- Reduced cost and complexity of compliance
- Lower administrative overhead through centralized key and policy management
- Complete information security across multiple business applications

In SafeNet's 26 year history, the company has achieved unprecedented success in protecting:

The most government information in the world

The largest deployment of government communications security

The most money that moves in the world

80% of all electronic intra-bank transfers -- \$1 trillion a day

The most digital identities in the world

The most PKI identities for governments and F-100 companies

The most high-value software in the world

42 million hardware keys; more than any other vendor





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