

SMARTCRYPT ENTERPRISE MANAGER

ORGANIZATION-WIDE CONTROL OVER ENCRYPTION AND DISCOVERY

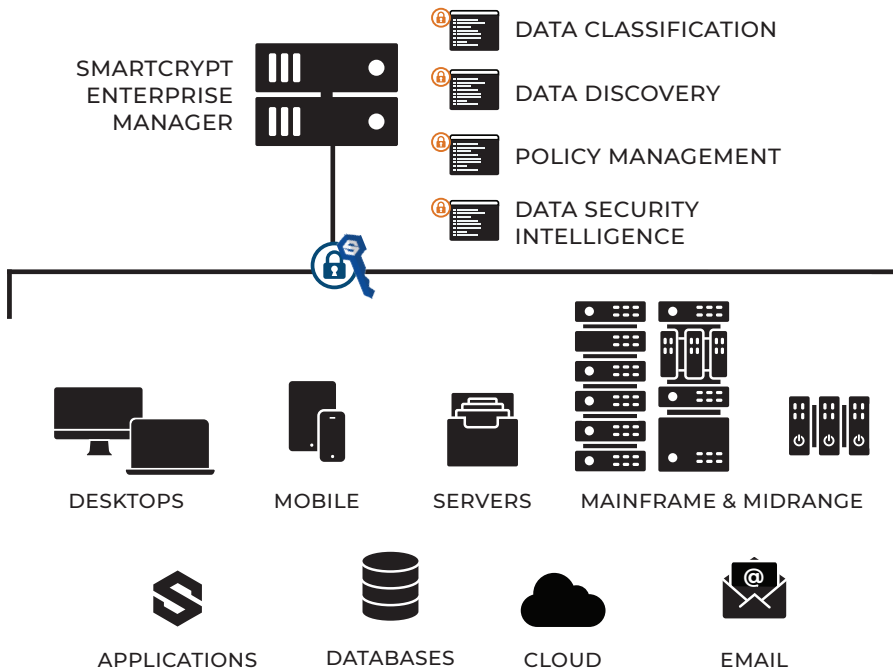
PKWARE's Smartcrypt is the only enterprise data protection solution that combines intelligent data discovery, persistent encryption, and streamlined key management. With Smartcrypt, organizations can secure sensitive data against internal and external cyber threats, and apply encryption policies across every enterprise operating system.

EXCEPTIONAL FUNCTIONALITY AND EASE OF USE

The Smartcrypt Enterprise Manager is the central component of the Smartcrypt platform, managing the Smartcrypt agents that are installed on an organization's servers, mainframes, and user devices. It is available as software, a virtual appliance, or a hardware appliance with an optional FIPS 140-2 Level 3 hardware security module and a full-entropy quantum random number generator.

The Smartcrypt Enterprise Manager allows administrators to define an organization's encryption and data discovery policies and apply them across the entire company. It controls encryption key management, key synchronization, and key delivery, as well as data discovery scanning and remediation.

Administrators can use the Enterprise Manager to grant or revoke user access to encryption keys at any time, and can define policy keys to be included in every encryption operation.



PRODUCT SUMMARY

Web-based administration console used to define and apply encryption and data discovery policies across the entire organization.

Manages Smartcrypt agents installed on user devices, servers, and mainframes. Provides centralized key delivery and key exchange, automating the key management process for end users.

Policy groups allow for retroactive access to content, without the need for re-encryption.

Data Security Intelligence tools provide detailed event reporting without the need for a third-party reporting tool.

Available as software-only or a hardened virtual appliance. Also available in a FIPS 140-2 Level 3 hardware appliance.

SMARTKEY TECHNOLOGY

At the core of the Smartcrypt platform is PKWARE's revolutionary Smartkey technology. With Smartkeys, businesses gain across-the-board control over who can decrypt files and read data.

A Smartkey is a unique key generated by the Smartcrypt agent for a specific file, folder, or other protected asset. Smartkeys allow administrators to add or revoke user access at any time—even if the files have been shared, copied, renamed, transferred, or emailed—ensuring full lifecycle protection.

Smartkeys are automatically generated, shared, and synchronized between authenticated devices without changing or interrupting user workflows. Smartkeys also allow users to encrypt data for external parties such as vendors or partners.

INTELLIGENT DATA DISCOVERY

Smartcrypt provides sophisticated data discovery capabilities, allowing organizations to identify and protect sensitive data as soon as it appears in a shared file location.

Each time a file is created or modified, Smartcrypt initiates a scan based on the organization's definition of sensitive data. If the data fits one of the defined patterns, Smartcrypt applies strong data-level encryption, keeping sensitive data secure wherever it is used, shared or stored.

ENTERPRISE-WIDE PROTECTION

Smartcrypt for File Servers is available for Windows, Linux, and Unix operating systems, enabling organizations to protect sensitive data regardless of their IT architecture.

Files encrypted by the File Servers agent are fully interoperable with Smartcrypt's solutions for user devices, mainframe, midrange, and databases, ensuring that authorized users can always access encrypted files.

TECHNICAL SPECIFICATIONS

(Please refer to Smartcrypt agent datasheets for more details on supported systems.)

OPERATING PLATFORMS

Windows Server 2008, 2008 R2, 2012, 2012 R2

INTERNET INFORMATION SERVICES

IIS 7.0, IIS 7.5, IIS 8.0

SQL SERVER

SQL Server 2008, 2008 R2, 2012

ALGORITHMS

Encryption: AES256 (block level encryption in AES-CBC mode)

Signing: RSA 2048 SHA 512 PSS (metadata)

KEY STORAGE AND RETRIEVAL

OASIS KMIP
PKCS #11

FILE ENCRYPTION CERTIFICATE AND KEY TYPES

X.509 Digital Certificates
OpenPGP

PKWARE®

www.PKWARE.com

PKWARE provides a data-centric audit and protection platform that automates policy-driven discovery, classification, and encryption wherever sensitive data is used, shared, or stored.

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