PKWARE
ENCRYPTION WITHOUT COMPROMISE

SMARTCRYPT

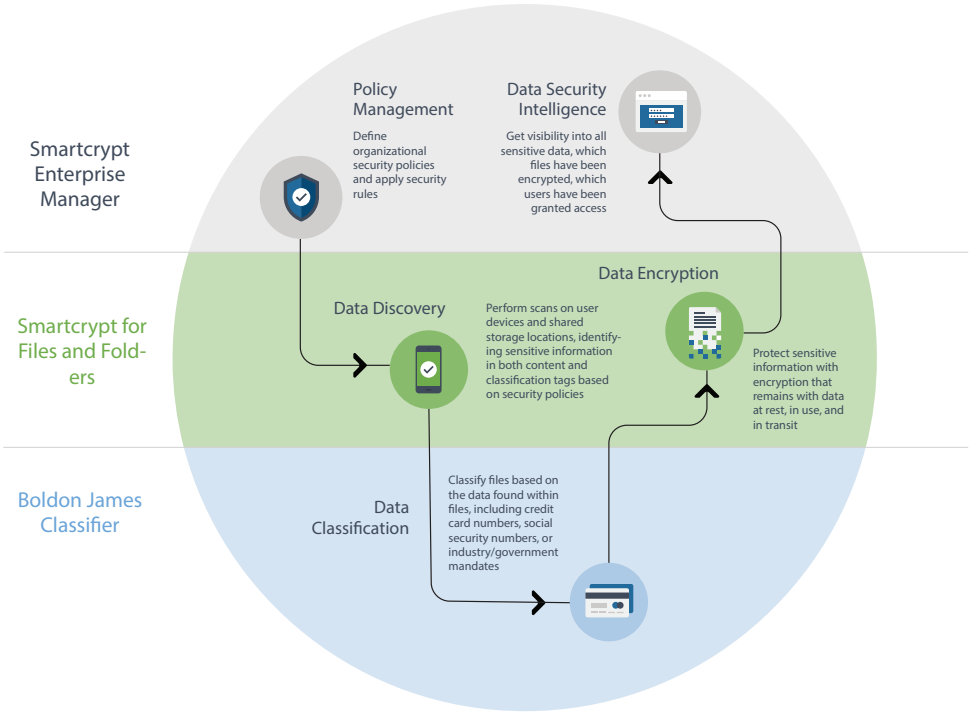
PKWARE AND BOLDON JAMES

Bringing Data Discovery, Classification, and Encryption into One Simple Workflow

Security experts often recommend using data discovery, data classification, and encryption to keep data safe from internal and external cyber threats. But the options are less than ideal: organizations either have to manage three or more stand-alone products, settle for solutions that are missing required capabilities, or—worst of all—choose to leave their sensitive data undiscovered, unclassified, and unsecured while they search for a path forward.

Integrated Data Discovery, Classification, and Encryption

PKWARE and Boldon James offer an integrated set of discovery, classification, and remediation products that combine these capabilities in one simple workflow. It's the simplest, most efficient way for organizations to control and secure their sensitive information against loss, theft, or misuse.



SOLUTION HIGHLIGHTS

- Integrated data discovery, classification, and encryption
- Supports user-driven classification, automatic classification, or a combination of approaches
- Applies persistent encryption that remains with data at rest, in use, and in transit
- Metadata associated with encrypted files remains readable by DLP tools
- PKWARE's data compression technology reduces file sizes by up to 90%
- Smartkey technology enables enforced access control defined by classification or user/group
- Data Security Intelligence tools provide advanced reporting functionality

Smartcrypt and Boldon James Classifier integrate to find sensitive data, classify files, and apply remediation in one automated workflow. The process can be applied to files at the point of creation, as well as to legacy files that were created before a classification tool was introduced.

With this joint solution, organizations can ensure that all of their sensitive data is classified and appropriately protected with persistent encryption that stays with data wherever it is moved, shared, or stored.

Categorize Sensitive Files

Boldon James Classifier allows users to assign a visual label to the files they create, and turns that visual label into metadata classification labels that are used by Smartcrypt to find and protect sensitive information. Companies can enable user-driven classification, automatic classification, or a blend of classification techniques.

Find Files Containing Sensitive Data

Smartcrypt for Files and Folders with Data Discovery uses an agent to continuously search for Boldon James Classifier-tagged files on servers, laptops, and desktops. Smartcrypt can also detect untagged sensitive information and initiate classification via Boldon James Classifier. Administrators define the types of sensitive data they want to find as well as the locations they want to search for it.

Apply Remediation

Smartcrypt's encryption and key management technology is used to apply remediation based on the classification label or content found within a file. Available actions include deletion, reporting, quarantine, or application of persistent encryption using a predefined encryption key.

Define Policies and Rules

Administrators use the Smartcrypt Enterprise Manager to define and apply the organization's data discovery, classification, remediation, and encryption policies. Smartcrypt ensures complete access and control of sensitive data at all times.

PRODUCTS NEEDED FOR THIS INTEGRATION:

Smartcrypt Enterprise Manager (available as a hardware or virtual appliance)

- OPERATING PLATFORMS: Windows Server 2008, 2008 R2, 2012, 2012 R2
- INTERNET INFORMATION SERVICES: IIS 7.0, IIS 7.5, IIS 8.0
- SQL SERVER: 2008, 2008 R2, 2012, 2014

Smartcrypt for Files and Folders

- OPERATING PLATFORMS: Microsoft Windows (Vista or later); Linux RHEL and SLES
- ALGORITHMS: AES256 (encryption); RSA 2048 SHA 512 PSS (signing)
- CERTIFICATE AND KEY TYPES: Smartkeys, X.509 Digital Certificates, OpenPGP

Boldon James Classifier Foundation Suite

- OPERATING PLATFORMS: Microsoft Windows (Vista or later)
- MICROSOFT OFFICE: 2007-2016; Office 365

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