

SMARTCRYPT TRANSPARENT DATA ENCRYPTION

Strong, Easy-to-Administer Protection for Data at Rest

It's time to rethink data breaches. While network and device centric security efforts are important, they leave security gaps which often go undetected and remain exploitable. Regulators, auditors, business partners, and customers are increasingly demanding that enterprises encrypt their data.

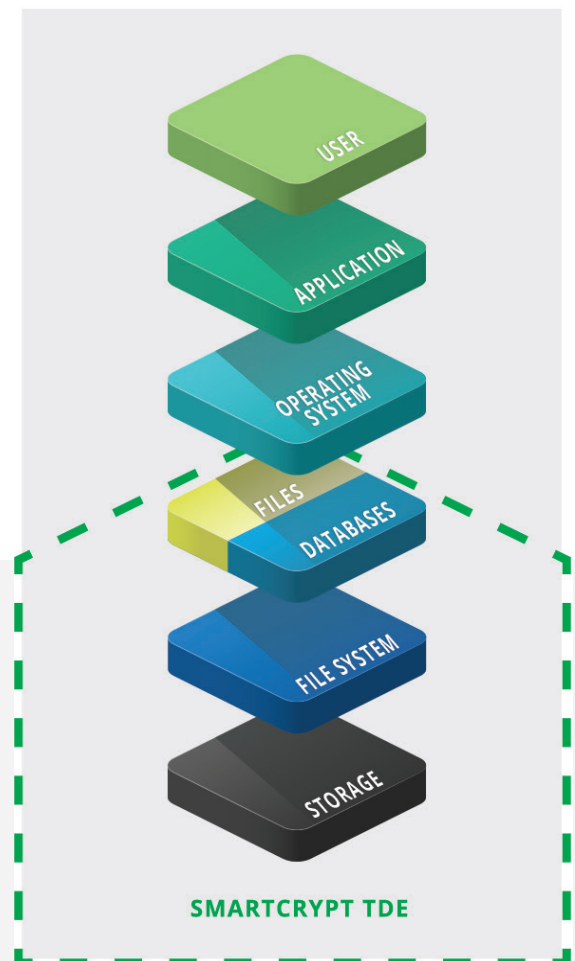
Once encrypted, mishandled data is meaningless. Financial and reputational damage to an organization is avoided and compliance auditors know that sensitive information is being protected.

Smartcrypt Transparent Data Encryption (TDE) protects sensitive information at rest on enterprise servers and ensures compliance with a wide range of regulatory requirements and customer privacy mandates. Delivering end-to-end client-side encryption, Smartcrypt TDE eliminates the negative consequences of theft or accidental sharing of customer information, employee records, and intellectual property.

COMPLIANCE MANDATES ADDRESSED BY SMARTCRYPT TDE INCLUDE:

- » **PCI DSS** -- Addresses PCI DSS 3.0 compliance provisions 3, 7, and 8, which require privacy safeguards for all cardholder information.
- » **HIPAA/HiTech** -- Covers the requirement to secure unstructured medical imagery and structured database information containing ePHI.
- » **GDPR** -- Meets upcoming requirements that companies conducting business in the European Union use strong protection when they collect, store, and use personal information.

SMARTCRYPT TDE PROTECTION FOR DATA AT REST





Smartcrypt TDE is cost-effective and easy to manage, securing file and application data without application changes, additional infrastructure, or professional services. No endpoint software is required and the user experience is unaffected.

Smartcrypt TDE is installed on application, file, and database servers containing sensitive information. Data is encrypted at the block level by a file system driver, between the operating system and the file system. Agents perform automatic encrypt/decrypt operations as data is written/read across the network.

Encryption of data at rest on enterprise servers with Smartcrypt TDE lays a strong foundation for a complete defense-in-depth data protection strategy.

The Smartcrypt Platform

Smartcrypt Application

Facilitates end-to-end client-side encryption for existing processes and workflows. Available for every enterprise operating platform (Windows, Linux, Solaris, HP-UX, AIX, IBM i, System z, Mac OS, iOS, and Android).

Smartcrypt Manager

Provides policy, control and data security intelligence.

Smartcrypt SDK

Easily adds security to existing applications. Secures sensitive information in files and databases. Available in every major programming language.

Smartcrypt TDE

Ensures compliance with industry- and government-mandated security requirements by adding strong protection for data at rest in files, applications, and databases.

SIMPLIFIED

Seamless to end users

Simplified key management

Easy to manage and control

Easy to embed

HIGH PERFORMANCE

Compression and encryption in one step

Hardware accelerated

Platform-optimized

SCALABLE

Software-defined

Runs at the speed of existing applications and processes

No hardware or appliance bottlenecks

EVERYWHERE

All enterprise O/S, storage platforms, languages

All types of data

At rest, in transit, in use

Beyond the enterprise