

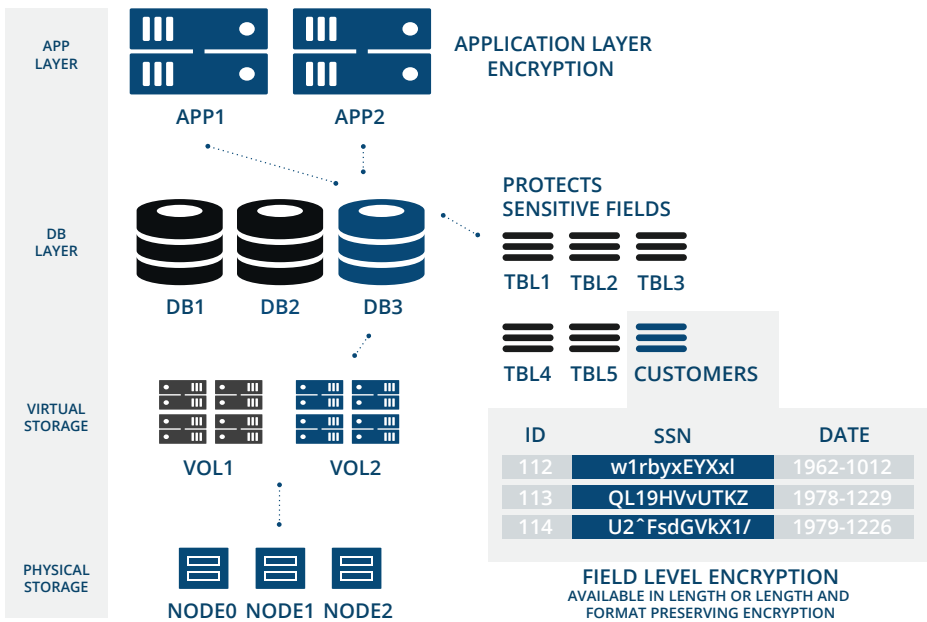
SMARTCRYPT SOFTWARE DEVELOPMENT KIT

Easy-to-Embed Next-Generation Encryption and Key Management

Introducing the Smartcrypt Software Development Kit (SDK), by PKWARE. Smartcrypt gives you high performance, cross-platform security that is easily embedded and managed without changing the way people work.

Embedding encryption operations directly into an application increases protection from security gaps created by people, processes, and technology. Application layer encryption provides end-to-end protection, ensuring that sensitive information remains insulated from vulnerabilities that exist in adjacent applications and the downstream systems that are used to store and exchange it.

Available for both structured and unstructured data, the Smartcrypt SDK integrates at the data access layer of the application, rather than the database or storage layer. Changes to existing applications consist of two or three lines of code.



COMPANIES USE SMARTCRYPT TO:

- » Protect critical information from thieves, snoops, and idiots
- » Eliminate the direct and indirect cost of a breach
- » Ensure data security compliance and eliminate penalties, fines, and failed audits
- » Identify sensitive data on network servers and end-user devices
- » Meet board of director requirements to protect reputation
- » Enhance data loss prevention processes and technology
- » Securely exchange sensitive information with customers and partners
- » Protect data at rest, in transit, and in use outside the organization
- » Maintain control over all enterprise encryption
- » Implement a corporate standard for encryption

For structured applications, only columns/fields that contain sensitive information, like credit cards or social security numbers, are encrypted. This approach allows DBAs to continue to perform their duties and only restricts visibility to sensitive information. Available options for length preserving or length + format preserving encryption aid in maintaining referential integrity.

For unstructured applications, the SDK applies persistent file-level encryption that travels with the data.

The easy to use Smartcrypt SDK is available in multiple languages and incorporates the most well-vetted cryptographic services, key interfaces, key stores, and key types accessible on each operating platform.

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.

<p>SIMPLIFIED</p> <p>Seamless to end users</p> <hr/> <p>Simplified key management</p> <hr/> <p>Easy to manage and control</p> <hr/> <p>Easy to embed</p>	<p>HIGH PERFORMANCE</p> <p>Compression and encryption in one step</p> <hr/> <p>Hardware accelerated</p> <hr/> <p>Platform-optimized</p>
<p>SCALABLE</p> <p>Software-defined</p> <hr/> <p>Runs at the speed of existing applications and processes</p> <hr/> <p>No hardware or appliance bottlenecks</p>	<p>EVERYWHERE</p> <p>All enterprise O/S, storage platforms, languages</p> <hr/> <p>All types of data</p> <hr/> <p>At rest, in transit, in use</p> <hr/> <p>Beyond the enterprise</p>