SAFENET PROTECTDB

PRODUCT BRIEF

Benefits

Growth enabled—
- Forge partnerships, expand your customer base, and pursue new business opportunities with the confidence that database information is persistently protected.

Collaboration secured—
- Collaborate with business partners and integrate new vendors into the digital supply chain knowing that only authorized, authenticated users can access sensitive data.

Productivity empowered—
- Encrypt information transparently, without disrupting business operations, database performance, or the end-user experience.

From credit card information and patient data to social security numbers and customer e-mail addresses, some of your most valuable information assets live in databases. You need ways to provide authorized access to this information so your organization can extend collaboration with partners, deepen customer relationships, improve services, and expand your business. But protecting that information from internal and external threats must be the highest priority—a single security breach could have devastating effects for your customers and your organization.

SafeNet ProtectDB software is designed to deliver powerful protection for the sensitive information stored in databases. Integrated with a SafeNet DataSecure hardware appliance, ProtectDB provides the flexibility to encrypt data in multiple ways to help ensure comprehensive protection. Centralized key and policy management provided with DataSecure simplifies the enforcement of data encryption in virtually any number of databases across heterogeneous environments. With ProtectDB, you can capitalize on the information in your databases without jeopardizing its security.

Persistent protection

By working with DataSecure, ProtectDB helps to ensure that encrypted data remains secure throughout its lifecycle while enabling authorized users and processes to access information when needed. Lifecycle protection increases overall security and facilitates collaboration by eliminating points of vulnerability outside the database.

Efficient encryption

DataSecure can help move large amounts of sensitive data in and out of data stores rapidly by encrypting or decrypting specific fields in bulk within the flat files that can contain millions of records. By focusing on select fields, you can encrypt and decrypt data efficiently, in a fraction of the time that it might take for the entire file. DataSecure also can be used to encrypt the entire binary files when you do not need field-level granularity.

Secure collaboration

A security solution is effective only if it enables you to use information to achieve business goals. ProtectDB combines flexible encryption options with granular access policy capabilities so you can avoid the all-or-nothing approach of other encryption solutions. With ProtectDB, you can encrypt data at the column level in databases, within the application layer, and during batch-driven data transformation and transaction processes. ProtectDB also enables administrators to define access by role, user, time of day, and other variables. With ProtectDB, you can deliver secure access to critical information so you can facilitate collaboration and drive your business forward.

Features

Granular protection—Retain ownership of data throughout its lifecycle with granular

Technical Specifications

Databases supported
- Oracle, Microsoft SQL Server, IBM DB2, and Teradata

Encryption algorithms
- 3DES, DES, AES

Supported platforms
- Microsoft Windows, Linux, Solaris, HP-UX, AIX, and IBM z/OS

column-level encryption.

Centralized administration—Simplify security administration and control costs with centralized management of keys, policies, and configurations.

Proven algorithms—Achieve the highest level of database security by using proven cryptographic algorithms combined with strong identity and access policy protection.

Controlled access—Ensure regulatory compliance and reduce risks by setting policies for separation of administrative duties.