

Entrust Cryptographic Security Platform Product and Professional Services Bundle for Key Management - Database Encryption

Deploy Database Encryption and Simplify Compliance With Entrust Platform Bundles

The Challenge

Often in security breaches, the main goal of the attackers is to gain access to databases and steal a large volume of sensitive information.

An in-depth key management protocol should be put in place to protect the network and encrypt the data. But managing the keys for encrypted databases is not an easy task. To ensure strong data security, keys must be rotated frequently, and transported and stored securely.

The Solution

With the **Entrust Cryptographic Security Platform**, deployed on premises or as a service, you can easily manage encryption keys at scale. It simplifies the management of encrypted databases by automating the lifecycle of encryption keys – including key storage, backup, distribution, rotation, and revocation. Its trusted platform – separate from critical data – minimizes risks and enforces role-based access to meet security policies.

Simplifying Compliance

The platform provides a unified solution that works across multiple database environments, streamlining encryption key management for both on-premises and cloud databases.

The **Cryptographic Security Platform Compliance Manager** automates regulatory adherence, supporting standards such as NIST 800-57, PCI DSS, and HIPAA, with optional FIPS 140-3 Level 3 hardware security

By automating key lifecycle processes – including storage, distribution, and rotation – the platform reduces errors, enhances security, and supports high availability and failover capabilities, ensuring robust protection for encrypted databases.

Key Benefits for State and Local Government Agencies and Education Organizations

Our bundle for database encryption includes both the Entrust platform and the professional services that help make compliance easier.

- **Regulatory compliance** – Meets CJIS, FERPA, and local data privacy requirements through robust encryption
- **Centralized key management** – Simplifies secure key distribution across agencies, schools, and public services
- **Role-based access control (RBAC)** – Restricts access to sensitive keys to reduce insider threats
- **Cost-effective and scalable** – High availability and efficiency for expanding databases on limited budgets

To learn more about our key management solutions and how they can help your organization maintain and demonstrate compliance, go to entrust.com/products/cryptographic-security-platform

Entrust Cryptographic Security Platform

Entrust's Cryptographic Security Platform is an innovative solution that unifies cryptographic management by combining the rich capabilities to operate PKI, Certificate Lifecycle Management, Key and Secrets Management, and HSMs all from a single, cohesive system.

This platform addresses the growing need for comprehensive cryptographic asset management in an increasingly complex digital landscape. By integrating these critical components, the Cryptographic Security Platform offers unparalleled security, compliance, and operational efficiency for organizations dealing with securing an increasing number of machine identities, protecting sensitive data and navigating complex cryptographic requirements.

