

SECURING PATIENT DATA

- Safeguards medical records by rendering them unusable to attackers
- Increases compliance with HIPAA-HITECH and other healthcare data privacy mandates
- Secures the most sensitive keys and business processes in the organization in an independently-certified, tamper-resistant environment
- Protects the organization's reputation and revenue against long-term damage
- Encrypts sensitive data efficiently, with little to no system degradation

«Thales e-Security»

HELPING HEALTHCARE ORGANIZATIONS IMPROVE THEIR DATA SECURITY AND COMPLIANCE POSTURES



Securing patient data has become an increasingly difficult task for healthcare organizations, which must strike a balance between user needs and security. With medical records distributed across more databases, applications and devices than ever before, the potential attack surface continues to expand. But clinicians, researchers – and even users themselves – continue to demand access with no slowdown in sight.

Some of the risks facing healthcare enterprises include:

- Reputational and financial damage resulting from a data breach, as future patients will be more likely to seek alternatives
- Highly motivated adversaries seek to exploit vulnerabilities in enterprise networks, as medical records command a premium as compared to stolen credit card numbers and other forms of PII
- Legacy systems and applications complicate security and compliance efforts
- A violation of data privacy mandates could result in fines and increased regulatory scrutiny

HELPING HEALTHCARE ORGANIZATIONS IMPROVE THEIR DATA SECURITY AND COMPLIANCE POSTURES

THALES DATA PROTECTION SOLUTIONS FOR HEALTHCARE ENTERPRISES

To address their unique challenges, healthcare organizations worldwide trust Thales. Our data protection solutions help healthcare enterprises reduce risk, demonstrate compliance and enhance agility while pursuing strategic goals around patient outcomes and organizational accountability.

Healthcare Data Encryption

The **Vormetric Data Security Platform**¹ is the only solution with a single extensible framework for protecting both structured and unstructured data-at-rest under the diverse requirements of healthcare institutions, across the broadest range of OS platforms, databases, cloud environments and big data implementations.

Vormetric Transparent Encryption² provides file and volume level data-at-rest encryption, secure key management and access controls required by regulation and compliance regimes. Deployment is simple, scalable and fast; VTE Agents are installed above the file system on servers or virtual machines to enforce data security and compliance policies.

Vormetric Application Encryption³ enables healthcare enterprises that require field-level encryption for database, big data, PaaS or other applications to easily build encryption capabilities into internal applications at the field and column level.

Vormetric Cloud Encryption Gateway⁴ encrypts data before it is saved to cloud storage, while keeping encryption keys and access policies under enterprise control. This enables healthcare security teams to establish the visibility and control they need over sensitive patient records.

Encryption Key Protection & Management

Vormetric Key Management⁵ enables centralized management third-party encryption keys and stores certificates securely. It also provides high availability, standards-based enterprise encryption key management for Transparent Database Encryption (TDE), KMIP compliant devices, and offers vaulting and inventory of certificates.

Thales nShield HSMs also offer tamper-resistant, FIPS-certified **encryption key protection and management**⁶ that meets the highest security and compliance standards.

LEARN MORE

Visit us at www.thales-esecurity.com/healthcare to learn why healthcare organizations trust Thales e-Security to protect their critical data.

¹ www.vormetric.com/products/overview

² www.vormetric.com/products/transparent-encryption

³ www.vormetric.com/products/vormetric-application-encryption

⁴ www.vormetric.com/products/cloud-gateway

⁵ www.vormetric.com/products/vormetric-key-management

⁶ www.thales-esecurity.com/solutions/by-technology-focus/key-management

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