THALES

Meeting Key GDPR Requirements with Encryption & Trust Management

The GDPR Requires Stronger Data Protection

Protecting private data will be more critical than ever

- New restrictions around the collection, retention and disclosure of personal data
- More scrutiny of the users and applications that have access to private data

Substantial penalties

- Orgs found in violation face penalties up to €20 million or 4% of annual worldwide revenues

Addressing the GDPR with Encryption & Trust Management

Data encryption

- Organisations "shall implement appropriate…measures" including "encryption of personal data". *(Article 32)*
- In the event of a data breach, the organisation is exempt from notifying customers if it had in place measures that "render the personal data unintelligible…such as encryption." *(Article 34)*

Trust management

- Organisations are required to "protect against unauthorised or unlawful processing...using appropriate technical or organisational measures ('integrity and confidentiality')." *(Article 5)*

Thales Solutions Address Key GDPR Requirements

Data encryption

- File, database and application-level encryption for data at rest
- Network encryption for data in motion

Trust & Identity management

- Privileged user access management and strong authentication ensure that only authorized users and devices can access personal data

Underpinned by strong key protection & management

- Encryption key protection based on industry best practices

Thales Solutions Address Key GDPR Requirements

Data encryption

- File, database and application-level encryption for data at rest
- Network encryption for data in motion

Vormetric
A Thales company

Vormetric Data Security Platform

- Data-at-rest encryption based on your business requirements
- File-level, application-layer, transparent encryption

THALES

Datacryptor 5000 Series

- Encryption of data in motion

Thales Solutions Address Key GDPR Requirements

Data encryption

- File, database and application-level encryption for data at rest
- Network encryption for data in motion

Trust & Identity management

- Privileged user access management and strong authentication ensure that only authorized users and devices can access personal data

Underpinned by strong key protection & management

- Encryption key protection based on industry best practices

Thales Solutions Address Key GDPR Requirements

Trust & Identity management

- Privileged user access management and strong authentication ensure that only authorized users and devices can access personal data

THALES

nShield HSMs

- Strong, cryptographically-based authentication of users and devices

Vormetric
A Thales company

Vormetric Data Security Platform

- Privileged user access management

Thales Solutions Address Key GDPR Requirements

Data encryption

- File, database and application-level encryption for data at rest
- Network encryption for data in motion

Trust & Identity management

- Privileged user access management and strong authentication ensure that only authorized users and devices can access personal data

Underpinned by strong key protection & management

- Encryption key protection based on industry best practices

Thales Solutions Address Key GDPR Requirements

Underpinned by strong key protection & management

- Encryption key protection based on industry best practices

THALES

nShield HSMs

- FIPS-certified security
- Tamper-resistant hardware
- Automated key lifecycle & replacement

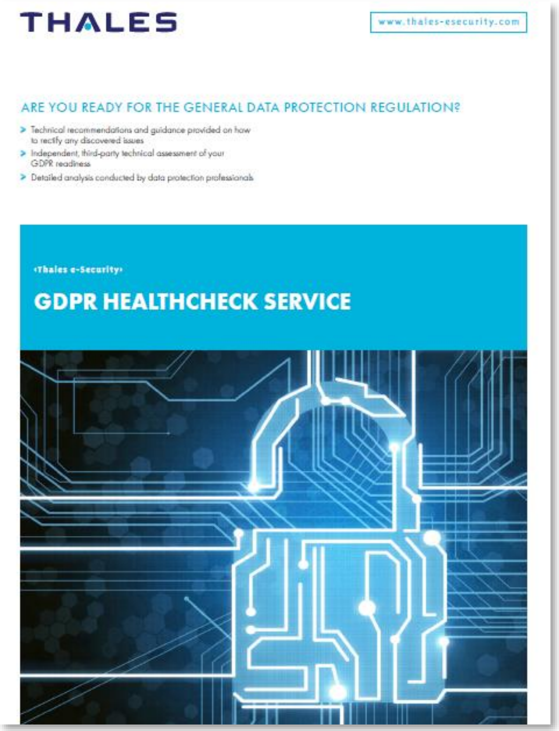
Vormetric
A Thales company

Vormetric Data Security Manager

- Centralized management of encryption keys and policies
- Consolidated key management for Oracle and Microsoft SQL Server

GDPR Healthcheck Service

- Independent, third-party technical assessment of your GDPR readiness
- Technical recommendations and guidance on how to rectify any discovered issues
- Detailed analysis conducted by data protection professionals
- Presentation of findings to key stakeholders



THALES

www.thales-esecurity.com

ARE YOU READY FOR THE GENERAL DATA PROTECTION REGULATION?

- Technical recommendations and guidance provided on how to rectify any discovered issues
- Independent, third-party technical assessment of your GDPR readiness
- Detailed analysis conducted by data protection professionals

‹Thales e-Security›

GDPR HEALTHCHECK SERVICE

Meeting Key GDPR Requirements with Encryption & Trust Management

OPEN