

# Dell PowerProtect Cyber Recovery and Thales CipherTrust Manager

## Proven Encryption Solutions for Today's Critical Data

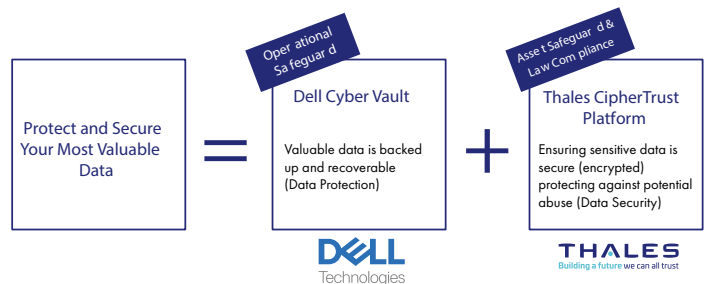


Cyberattacks are designed to destroy, steal or otherwise compromise your valuable data. Protecting your critical data is key and encryption is fundamental to any defense-in-depth strategy whether the goal is compliance or securing sensitive data. **Dell PowerProtect Cyber Recovery** provides proven, modern and intelligent protection and integrates seamlessly with Thales Trusted Cyber Technologies (TCT) CipherTrust Manager to mitigate the threat of unauthorized access to encrypted data.

Together, Dell and Thales TCT offer a secure and efficient means of protecting data with encryption, and help customers meet data security compliance mandates such as FIPS 140, PCIDSS, HIPAA, and GDPR.

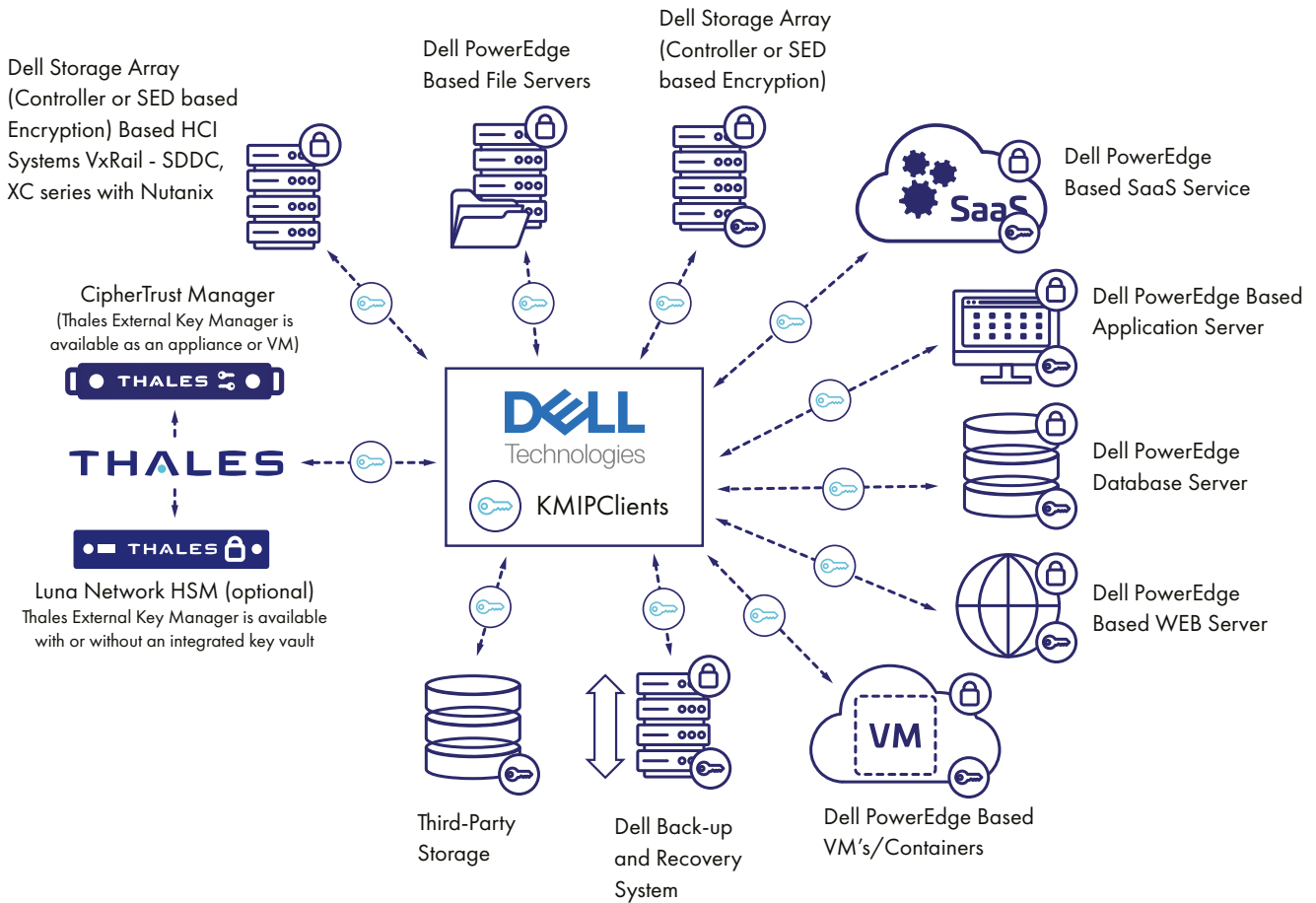
**Thales TCT CipherTrust Data Security Platform** provides external key management and data encryption for multiple product lines from Dell technologies and 3rd party platforms, enabling you to satisfy compliance mandates and keeps your sensitive data secure, even in the event of a breach.

By storing keys away from encrypted devices and the data residing in storage arrays, file-systems, databases or applications, Thales TCT CipherTrust Data Security Platform ensures that encrypted information is protected from unauthorized access and that a single console can manage all security policies for all encrypted data.



## The foundation for an enterprise key management solution: Thales TCT CipherTrust Manager

CipherTrust Manager is the industry leading enterprise key management solution enabling organizations to centrally manage encryption keys: it manages key lifecycle tasks including generation, rotation, destruction, import and export, provides role-based access control to keys and policies, supports robust auditing and reporting, and offers developer friendly REST API. With Thales TCT's CipherTrust Manager, keys are properly secured with FIPS 140 certified internal or external Hardware Security Module (HSM).



Cipher Trust Manager appliances can be deployed on-premises in physical or virtualized infrastructures and in public cloud environments to efficiently address compliance requirements, regulatory mandates and industry best practices for data security. Virtual appliances provide organizations with a scalable less expensive alternative to using a physical appliances.

## How Dell PowerProtect Cyber Recovery with Thales TCT CipherTrust Manager Works

1. Critical data is synced to a hardened vault and isolated with an automated operational air gap.
2. A copy of this data is made and vault retention period is set as needed.
3. The data is retention locked to further protect it from accidental or intentional deletion.
4. CyberSense performs full content indexing of all vaulted data confirming integrity and alerting to any potential corruption.
5. Recovery of data from the vault is efficient and secure whether for testing or incident response.

## Dell PowerProtect Cyber Recovery and Thales TCT CipherTrust Manager Protects your Most Critical Data

Thales TCT CipherTrust Manager provides Dell customers with complete control by securing the keys needed to access the storage system.

Both Dell Technologies and Thales are leaders in their respective fields and have joined hands to offer best-of-breed solutions covering both aspects of data – data protection and Data Security. Combined we ensure that have 100% compatibility coverage and continue to test all new major releases to validate interoperability.

## About Thales Trusted Cyber Technologies

Thales Trusted Cyber Technologies, a business area of Thales Defense & Security, Inc., is a trusted, U.S. provider of cybersecurity solutions dedicated to U.S. Government. We protect the government's most vital data from the core to the cloud to the edge with a unified approach to data protection. Our solutions reduce the risks associated with the most critical attack vectors and address the government's most stringent encryption, key management, and access control requirements.

For more information, visit [www.thalestct.com](http://www.thalestct.com)