

CTERA Enterprise File Services Platform and Thales TCT CipherTrust Manager



The Challenge

U.S. Federal Government agencies are seeking to enable greater levels of employee productivity and total cost of ownership (TCO) reduction through the modernization of legacy IT infrastructure, but concerns over the security and privacy of critically-sensitive data can slow the progress of digital transformation initiatives.

The Solution

CTERA Enterprise File Services Platform

CTERA provides a proven, military-grade file services platform that enables government agencies to deploy secure and modern data management solutions across any number of locations and users.

The CTERA Enterprise File Services Platform is comprised of CTERA's multi-cloud Global File System as well as multi-tenant management of CTERA Edge Filers and CTERA Drive clients.

CTERA modernizes and unifies remote file storage, multi-site collaboration and backup across dispersed enterprises. Easy to deploy and manage, CTERA replaces traditional file servers/NAS with cost-effective cloud storage and delivers secure edge-to-cloud file services.

Thales Trusted Cyber Technologies (TCT) CipherTrust Manager

The management and security of the encryption keys generated through data at rest encryption is paramount. CTERA integrates with Thales TCT CipherTrust Manager for the secure management and storage of the cryptographic keys used in native CTERA encryption.

CipherTrust Manager provides role-based access control to keys and policies, multi-tenancy support, and robust auditing and reporting of all key management and encryption operations.

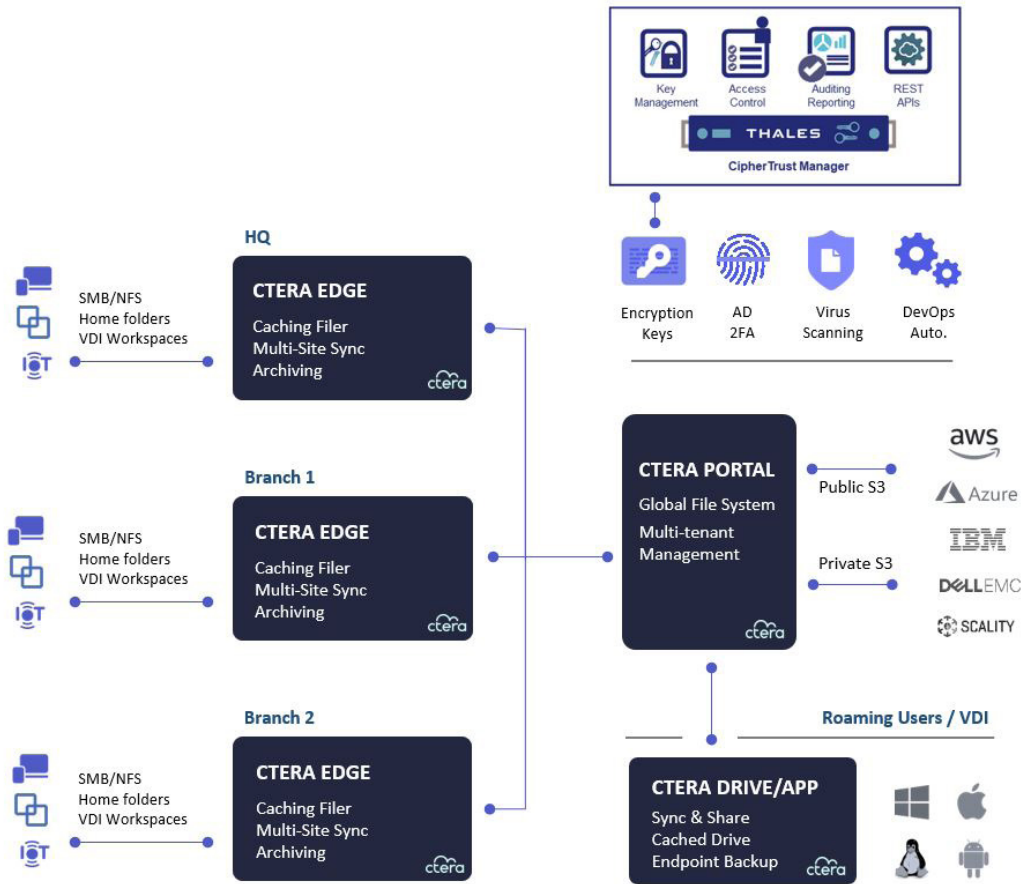
Key Benefits of CipherTrust Manager in CTERA Environments

Centralize Management of Encryption Keys.

CipherTrust Manager centralizes and simplifies key management (e.g. key generation, escrow, recovery) for CTERA while improving compliance and auditability.

Configure Data in High-Availability Schemes.

Multiple CipherTrust Manager appliances can be clustered to maintain encrypted data availability.



Separation of Duties.

CipherTrust Manager supports segmented key ownership and management by individuals or group owners to protect sensitive material against unauthorized access from rogue staff.

Simplified Compliance.

Save staff time while satisfying compliance mandates with efficient, centralized auditing of key management practices such as FIPS 140-2, PCI-DSS, HIPAA, GDPR.

About CTERA

CTERA is the distributed cloud file storage leader, powering more than 50,000 connected sites and millions of corporate and government users. CTERA offers the industry's most feature-rich global file system, enabling enterprises to centralize file access from any edge location or device without compromising performance or security. CTERA is trusted by the world's largest companies, including leading industrial, media, and healthcare organizations, as well as the U.S. Department of Defense and other government organizations worldwide. For more information, visit www.ctera.com

Lower Administration Costs.

Lower the cost of key management and encryption with centralized administration and automated operations.

Risk Mitigation with Maximum Key Security.

Root of trust using a FIPS 140-2 Level 3 compliant hardware security module (HSM) with a full U.S. supply chain.

About Thales Trusted Cyber Technologies

Thales Trusted Cyber Technologies, a business area of Thales Defense & Security, Inc., protects the most vital data from the core to the cloud to the field. We serve as a trusted, U.S. based source for cyber security solutions for the U.S. Federal Government. Our solutions enable agencies to deploy a holistic data protection ecosystem where data and cryptographic keys are secured and managed, and access and distribution are controlled. For more information, visit www.thalestct.com.