



CTERA Intelligent Data Platform

Unify, Protect, and Activate
Your Unstructured Data

The Foundation for Your Data-Driven Future

Your data is your most valuable asset.

But is it a strategic advantage or a complex liability? The CTERA Intelligent Data Platform transforms your scattered files into a unified, high-performance data fabric, securely spanning from the edge to the cloud.

The CTERA Intelligent Data Platform is engineered to drive **operational efficiency**, delivering greater agility through simplification. It ensures **organizational resiliency** by safeguarding your data from loss, downtime, and costly regulatory penalties. And it prepares you for the future by making your data **Enterprise AI-ready**, unlocking new levels of workforce productivity and innovation.

The result is a platform engineered to solve your most critical data challenges:



Modernize Legacy Infrastructure

Replace aging NAS and simplify archival to lower your Total Cost of Ownership and reduce your data center footprint.



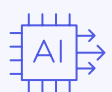
Secure Distributed Collaboration

Enable secure file sharing and remote workforce access to increase productivity without compromising security.



Strengthen Data Resilience

Implement robust ransomware protection and automated compliance workflows to significantly reduce organizational risk.



Fueling the Future

Activate your data for AI and analytics pipelines to fuel innovation and uncover new business insights.

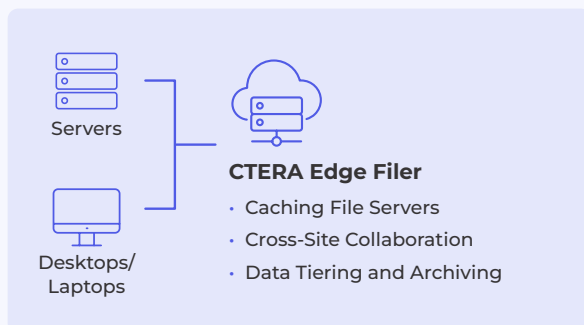
The Architecture

The CTERA Intelligent Data Platform is built on a flexible, software-defined architecture that can be deployed in any environment to meet your specific needs. It is comprised of the following components.

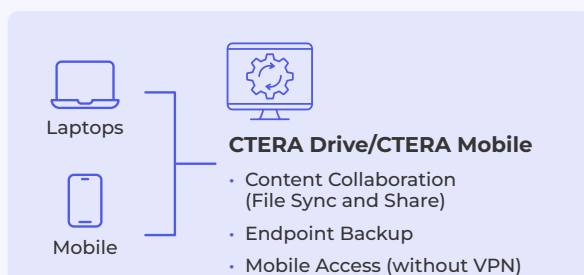
- ✓ **CTERA Global File System:** The heart of the platform. The CTERA Global File System creates a unified namespace that makes all your data accessible from anywhere, on any device, at any time. It breaks down silos and builds bridges between your teams and their data.
- ✓ **CTERA Portal:** The command center of your unstructured data universe. It provides a centralized, single pane of glass for managing your entire global file system, from setting policies to monitoring performance. It's simplicity at scale.
- ✓ **CTERA Edge Filer:** High-performance caching virtual devices that provide LAN-speed access to your files at the edge, ensuring a seamless user experience while optimizing storage and bandwidth.

CTERA Intelligent Data Platform Solution Architecture

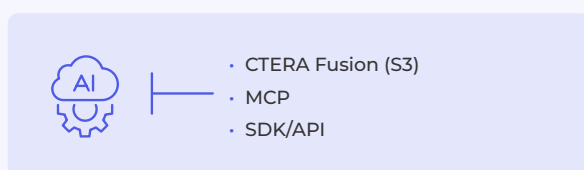
Offices



Endpoints



AI/Automation

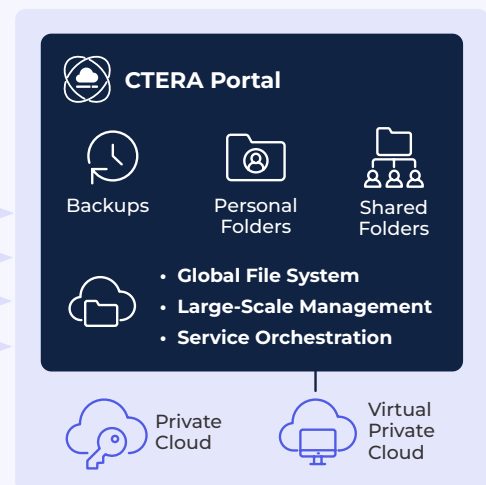


DATA



METADATA

Private Cloud / VPC



Secure
WAN-Optimized
Cloud Access



- ✓ **CTERA Migrate:** Bridge the past to the future with a built-in, high-speed migration engine designed to accelerate your transition from any existing storage system. It provides a simple, automated path to the cloud, preserving existing file structures and permissions (ACLs) to ensure a seamless and risk-free modernization journey.
- ✓ **CTERA Fusion (Unified File and Object):** Break down data silos by enabling both traditional applications using SMB and NFS interfaces and modern cloud-native apps using a direct S3 API to operate on the very same dataset simultaneously.
- ✓ **CTERA Compliance Vault:** Satisfy the most demanding regulatory retention and legal hold requirements with an immutable, WORM-compliant vault that guarantees data integrity and creates a tamper-proof final defense against ransomware.
- ✓ **CTERA Archive:** Reduce primary storage costs by tiering inactive data to a secure, cost-effective archive, where it is preserved with immutability for long-term compliance and historical record-keeping.
- ✓ **Centralized Command for Storage Quotas:** Centrally managed storage quotas give you the power to control data growth by setting storage limits for any team or project from a single dashboard, with these rules automatically applied across all of your business locations.
- ✓ **Integrations and Connectors:** Our platform is built with an open, API-first philosophy, providing a comprehensive RESTful API for complete automation and DevOps orchestration. This is complemented by a robust SDK and the industry-leading MCP for secure AI integration, allowing you to connect CTERA to your existing and future applications and turn your data into an engine for innovation.



Tailored to Meet Your Business Needs

CTERA provides a flexible, capacity-based subscription that allows you to choose the deployment model that best fits your organization.

Deployment Models

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CTERA Private Data Services Model: This model gives organizations complete control over their data infrastructure and is offered in two distinct tiers: Primary Data Services for active, collaborative workflows, and Secondary Data Services for long-term data retention and archival.

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CTERA Hosted Data Services Model: For organizations that want the power of CTERA without managing the infrastructure, our hosted option provides a fully managed, enterprise-grade data management platform.

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Your Object Storage Foundation: The CTERA platform is a software-defined layer that leverages your choice of cloud or on-premises object storage, which is procured and managed separately. This “Bring Your Own Cloud” (BYOC) model ensures you retain full control over your data’s location and security, avoiding costly vendor lock-in. We seamlessly integrate with all major object storage providers, including but not limited to AWS, Azure, Google Cloud, IBM, Hitachi Vantara, Wasabi, and Cloudian.



MARKETPLACES

Private and Hosted Data Services are available in both the AWS and Microsoft Azure Marketplaces.



Ultimate Deployment Flexibility: The platform’s software-defined nature provides complete freedom of choice for your infrastructure strategy. Our architecture supports any deployment model, including on-premises, hybrid, multi-cloud, and can even be run in a completely isolated, air-gapped environment for the highest levels of security. This flexibility, combined with policy-based data placement, ensures you can meet the strictest data sovereignty and residency requirements without compromising on performance or control.

Enhanced Productivity: Empower your remote and distributed workforce with secure, fast, and collaborative access to files.

The Highest Level of Security: Protect your data with end-to-end encryption, multi-factor authentication, and a zero-trust architecture.

To address the most demanding enterprise requirements, the CTERA platform can be enhanced with a suite of powerful add-on data services. These specialized services are designed to let you precisely tailor the platform to solve specific challenges across your organization. By seamlessly integrating advanced capabilities for ransomware protection, endpoint backup, secure file sharing, and deep data analytics, you can build a solution that meets your unique security protocols, compliance standards, and organizational requirements.

Enterprise Data Services

Enhance your CTERA platform with these powerful data-focused services:

- CTERA Cyber Protection:** Proactively defend against evolving cyber threats with a multi-layered security suite featuring AI-driven ransomware detection, advanced threat analytics, and data exfiltration monitoring.
- CTERA Global File Locking:** Prevent version conflicts and ensure data integrity for distributed teams by enabling users to exclusively lock files across multiple sites, ensuring safe collaboration on shared datasets without reliance on external cloud services.
- CTERA Insight:** Gain complete visibility into your entire global file system to audit all user activity, optimize storage costs, and investigate security incidents through a unified dashboard with powerful, actionable analytics.
- CTERA Drive Connect:** Deliver a seamless native desktop experience by mounting the entire global file system as a local volume, providing users with high-performance access through intelligent caching while strictly enforcing all native file system permissions.
- CTERA Drive Share:** Empower your teams with a secure, enterprise-grade file sync and share experience across all their devices, enabling seamless collaboration and controlled sharing with both internal and external stakeholders.
- CTERA Drive Protect:** Ensure the continuous protection of all endpoint data by automatically backing up laptops and workstations to a central, secure location for rapid, self-service recovery in case of device loss or failure.

Enterprise Content Services

Unlock the value hidden within your data with our advanced AI-driven content services:

- CTERA Search:** Instantly find any file based on its content with a powerful engine that indexes text, images, and video while strictly enforcing existing user access permissions.
- CTERA Classify:** Automatically enrich files with persistent, AI-driven metadata tags as they are created or changed, turning your unstructured data into a structured and governed asset ready for compliance and analytics.
- CTERA Experts:** Includes CTERA Search and CTERA Classify together and allows you to securely build and deploy AI agents that can answer questions and reason across your private enterprise data, delivering accurate, explainable insights without ever moving or copying your files.

CTERA Intelligent Data Platform

FEATURE	CTERA PRIMARY DATA SERVICES	CTERA SECONDARY DATA SERVICES	CTERA HOSTED DATA SERVICES
Multi-Site Collaboration	✓	✗	✓
CTERA Portal	✓	✓	✓
CTERA Edge Filers	✓	✓	✓
Filer Cache Size	Up to 128TB	Up to 32TB	Up to 32TB
Object Storage	BYOC	BYOC	CTERA Cloud
CTERA Migrate	✓	✓	✓
CTERA Fusion	✓	✓	✓
CTERA Compliance Vault	✓	✓	✓
CTERA Archive	✗	✓	✓
Centralized Quota Management	✓	✓	✓
CTERA Integrations & Connectors	✓	✓	✓

Add-on Data Services

FEATURE	CTERA PRIMARY DATA SERVICES	CTERA SECONDARY DATA SERVICES	CTERA HOSTED DATA SERVICES
CTERA Cyber Protection	✓	✓	Embedded Antivirus, CTERA Ransom Protect Included
CTERA Global File Locking	✓	✓	✓
CTERA Insight	✓	✓	✗
CTERA Drive Connect	✓	✓	✓
CTERA Drive Share	✓	✗	✓
CTERA Drive Protect	✓	✓	✓

Add-on Content Services

FEATURE	CTERA PRIMARY DATA SERVICES	CTERA SECONDARY DATA SERVICES	CTERA HOSTED DATA SERVICES
CTERA Search	✓	✓	✓
CTERA Classify	✓	✓	✓
CTERA Experts	✓	✓	✗

Empowering Your Entire Organization

The CTERA Intelligent Data Platform is designed to meet the diverse needs of stakeholders across your business, from the server room to the boardroom. Even more importantly, it's built to provide your users with reliable and safe collaboration for maximum productivity.

For IT Leaders

Simplify data management, set/enforce quotas centrally, reduce costs, and free up your team to focus on innovation instead of infrastructure complexity. CTERA streamlines operations, enhances scalability, and enables your team to deliver faster, more reliable IT services.

For Security Leaders

Go beyond foundational security with a zero-trust architecture enhanced by powerful, integrated services. Proactively defend against evolving threats with CTERA Cyber Protection's AI-driven ransomware detection and gain complete visibility into all file activity with CTERA Insight to enable rapid incident investigation and simplify compliance audits.

For Data Leaders

Seamlessly connect with your existing key management and data security platforms like Varonis. Integration with SIEM products including but not limited to Splunk and Microsoft Sentinel.

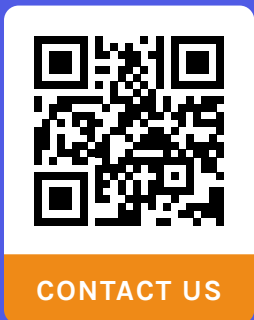
For Cloud Leaders

Take control of your fragmented multi-cloud data estate with a single, software-defined platform that lets you leverage any object storage, avoiding vendor lock-in and slashing cloud spend. This unified approach allows you to enforce consistent security and governance across your entire hybrid environment while delivering the high-performance, shared data services your AI and cloud-native application team's demand.



Ready to unlock the full potential of your unstructured data?

[LEARN MORE](#)



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