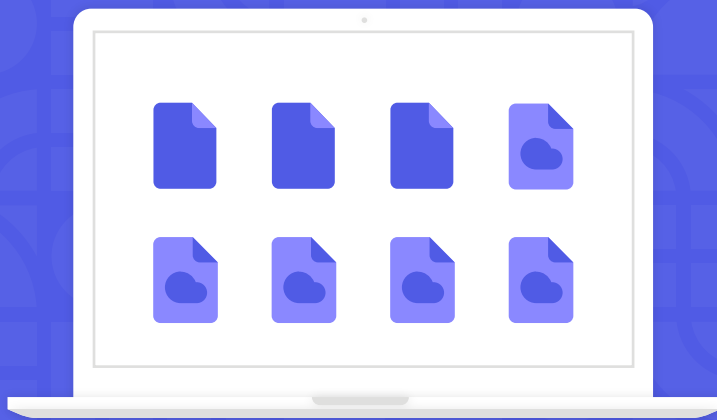ctera
your files.
your cloud.

Caching for CTERA Edge Filers & CTERA Drive

INFINITE CAPACITY • HYBRID ACCESS • YOUR CLOUD

Distributed caching and global namespace technologies enable infinite, high speed, secure file services from any endpoint device or branch storage gateway

- Accelerated file access for CTERA Edge Filer or CTERA Drive desktop clients
- Users can see and access entire centralized cloud file system from the desktop
- Unlimited number of files can be stored, accessed, shared and protected to the cloud
- Folders and files require bare minimum of storage space
- Smart eviction processes remove least used files from cache (customizable)
- Users may pin folders and files locally accessibility at all times
- Dramatically reduce TCO of remote office storage and end-point devices
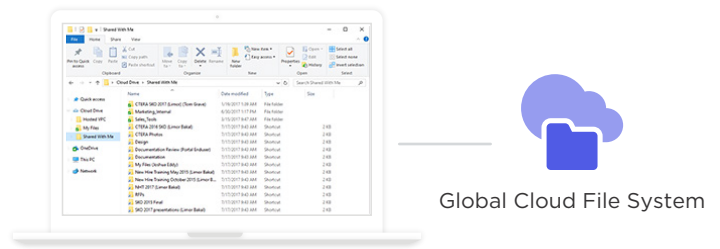- Connect to the private, virtual private or public cloud infrastructure of your choice

With the delivery of CTERA 6.0 (July 2017), CTERA has removed the file storage capacity limitations of edge filers and endpoint devices (i.e laptops and workstations) by dynamically caching files from any secure cloud to enterprise edge devices and desktop users. The CTERA caching engine, combined with CTERA's global namespace technology, enables workers to securely access, share and protect an unlimited number of files in the cloud as if they were stored locally on their desktop or on shared network drives, without being constrained by local storage capacity or security compromises.

Recognizing that workers no longer work solely in one location on one computer, CTERA is the only vendor that delivers integrated caching for both edge filers and end-point devices, ensuring the highest levels of collaboration and productivity for office and mobile workers.

CTERA CACHING TECHNOLOGY OVERVIEW

Infinite Capacity

- Visibility and access to all organizational files from any Gateway or endpoint
- No local storage restraints
- Native file access experience
- Improved productivity for office and roaming users
- Multi-site data sharing

Global Cloud File System

CTERA Edge Filer

Ctera Drive

Global Cloud File System

Hybrid Access

- Accelerated file access from edge filer or desktop clients
- Infinite volume presentation with on-demand data cache
- Automatic eviction of least recently used data
- 'Pinning' option for offline availability and maximum performance guarantee
- Zero-min disaster recovery

Choice of Private or Virtual Private Cloud

- Supports a variety of object storage and cloud IaaS providers
- Leverages Your existing infrastructure
- No cloud or storage vendor lock-in
- Active Directory/LDAP integration for user authentication and single sign-on (SSO)

aws   DELLEMC   Azure

Hewlett Packard Enterprise   IBM Cloud   NetApp   openstack   ...

"

We are excited by the new features in CTERA 6.0 that will enable infinite file capacity for our office environments and will significantly boost our ability to collaborate on files across the organization.

– Menakshi Sehwani, I.T. Business Partner, J. Walter Thompson

New Caching-Enabled Use Cases

In addition to the core enterprise file services that CTERA provides (office modernization, Enterprise File Sync & Share, and End Point Backup), caching enables CTERA customers to accomplish even more:

- File Server Replacement: Caching gives users fast access to petabyte-scale shares with CTERA Edge Filers, allowing organizations to decommission legacy file server gear

- Enterprise Content Archiving: CTERA Edge Filers can now house petabyte-scale project archives while providing edge caching support for working data sets. Ideal for media archiving, scientific research workflows, document management and more

- Cloud Backup and DR: CTERA Edge Filers provide seamless cloud backup and zero-minute disaster recovery, and can be used as accelerators for enterprise backup, increasing DR readiness while reducing backup infrastructure investment