

CTERA ENTERPRISE FILE SERVICES FOR SERVICE PROVIDERS

Create, provision, and manage cloud storage services from an all-in-one platform designed to meet the needs of SMBs and enterprise branch offices



LAUNCH CLOUD STORAGE SERVICES WITH EASE

The CTERA Enterprise File Services Platform gives service providers a quick and easy way to leverage their cloud storage infrastructure and launch a multi-application storage-as-a-service offering for SMBs, distributed enterprises, and channel partners. The solution facilitates highly cost-effective, centrally managed services that combine server and laptop data protection, mobile access, file sync & share in a single platform.

All-in-One Solution for Remote Sites and Users

CTERA is a complete solution with built-in functionality for launching cloud storage services that address a variety of needs, such as:

- **Modern File Server/NAS:** CTERA's caching-enabled edge appliances provide users local access to an infinite amount of cloud-based files while continuously synchronizing file changes to the cloud.
- **Comprehensive SMB backup:** Incremental file-level and 'bare metal' backup and recovery, locally and in the cloud, with snapshot retention policies.
- **Remote office / branch office (ROBO) backup:** Cloud-connected, centrally managed and minimizing the need for on-site IT staff.

- **Managed remote storage:** Template-based management of storage (NAS) in remote sites of up to 1,000 users.
- **Ubiquitous access to files:** Users can access their files from anywhere, using a browser, or mobile apps.
- **Secure file sync & share:** Self-service, consumer-grade cloud file sync & share, both ad-hoc and within designated project teams. Multi-user, multi-folder file synchronization.
- **Data tiering/archiving:** Move on-premises files to cost-effective cloud storage leveraging CTERA gateways as a data ingest point.

Private Branding

All aspects of the CTERA solution can be private labeled to reflect the service provider's brand. This includes the Web, appliance, CTERA Agent and mobile app user interfaces.

Hybrid Deployment Scenarios

The CTERA platform includes components that address multiple deployment options:

- CTERA's **cloud-side management software, CTERA Portal**, is installed in the datacenter and connects to a variety of cloud storage platforms.

CTERA Portal allows you to set up service plans, provision storage to users, and centrally manage all customer- premises appliances and end-point agents. It is a multi-tier system, allowing to set up 'virtual portals' for channel partners or departments within a customer organization, giving them full control over all aspects of service delivery.

- CTERA's **cloud storage gateway appliances** are deployed at customer sites, SMBs or branch offices / remote offices, where they aggregate data from multiple users, de-duplicate and encrypt all data sent to the cloud.
- CTERA's **endpoint agents** allow you to facilitate backup and file sharing for servers and laptop users. They also offer global de-duplication among users.

Technical Specifications

CTERA Portal™

- Integrates with multiple cloud storage services and object storage platforms, including AWS, Azure, Dell EMC, Google Cloud, HPE, IBM Cloud, Nutanix, Scality, and more
- Flexible service plan creation including recurring, prepaid, vouchers
- End-user self service provisioning
- Multi-tier architecture with 'virtual portals' for channel partners and enterprise customers
- Full UI branding capability
- Template-based management of all connected appliances and agents
- Real-time monitoring, logging, audit trail, email alerts and remote software upgrades
- Billing integration and invoicing
- Active Directory 'forests' integration
- Supports replication, high availability and load balancing

CTERA Cloud Storage Gateways

- Full-featured NAS with RAID, resizable logical volumes, storage quotas
- Infinite file capacity via smart caching technology
- Support CIFS, NFS, AFP, iSCSI, WebDAV, rsync and FTP protocols
- Automated incremental cloud backup with global block-level de-duplication
- Backup sets by path, size, type
- Active Directory integration
- 256-bit AES encryption of outbound data, SHA-1 fingerprinting, over SSL
- Bandwidth throttling
- Custom email alerts and reports
- Full remote management via Web UI

Summary

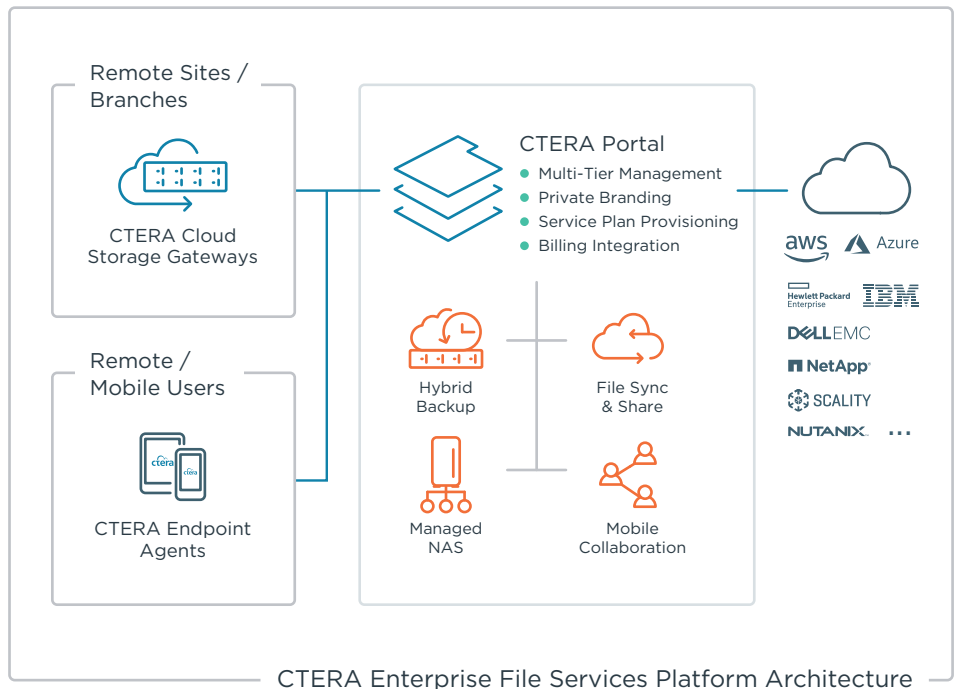
The CTERA Enterprise File Services Platform gives service providers a fast and simple way to build, operate and manage cloud storage offerings for distributed enterprises and SMBs, based on scalable object storage and under their own brand. From a single platform, service providers can create and manage file sync & share, backup & recovery, centrally managed local storage, and mobile collaboration services.

CTERA Agents

- Secure laptop/desktop backup and file sync & share for Windows, Mac
- Server backup for Windows, Mac and Linux
- File-level and 'bare metal' backup
- Microsoft Exchange, SQL Server, SharePoint, and Active Directory backup
- Microsoft Hyper-V Hypervisor-level backup

CTERA Mobile Apps

- Secure access to files in the cloud and easy file sharing for mobile devices
- Two-factor authentication with SMS
- Remote wipe and file sandboxing
- Supports Apple iOS and Android



CTERA's unique hybrid architecture combines a cloud-side service delivery platform with on-premises appliances and software agents. This enables delivery of storage services to diverse environments such as SMBs, remote offices and roaming users, while maintaining end-to-end security and optimizing performance and end-user experience.

By combining diverse storage-based services and addressing multiple use-cases under a single roof, CTERA reduces time-to-market and costs, allowing service providers to rapidly launch cloud storage services with no compromise on security, scalability and manageability.