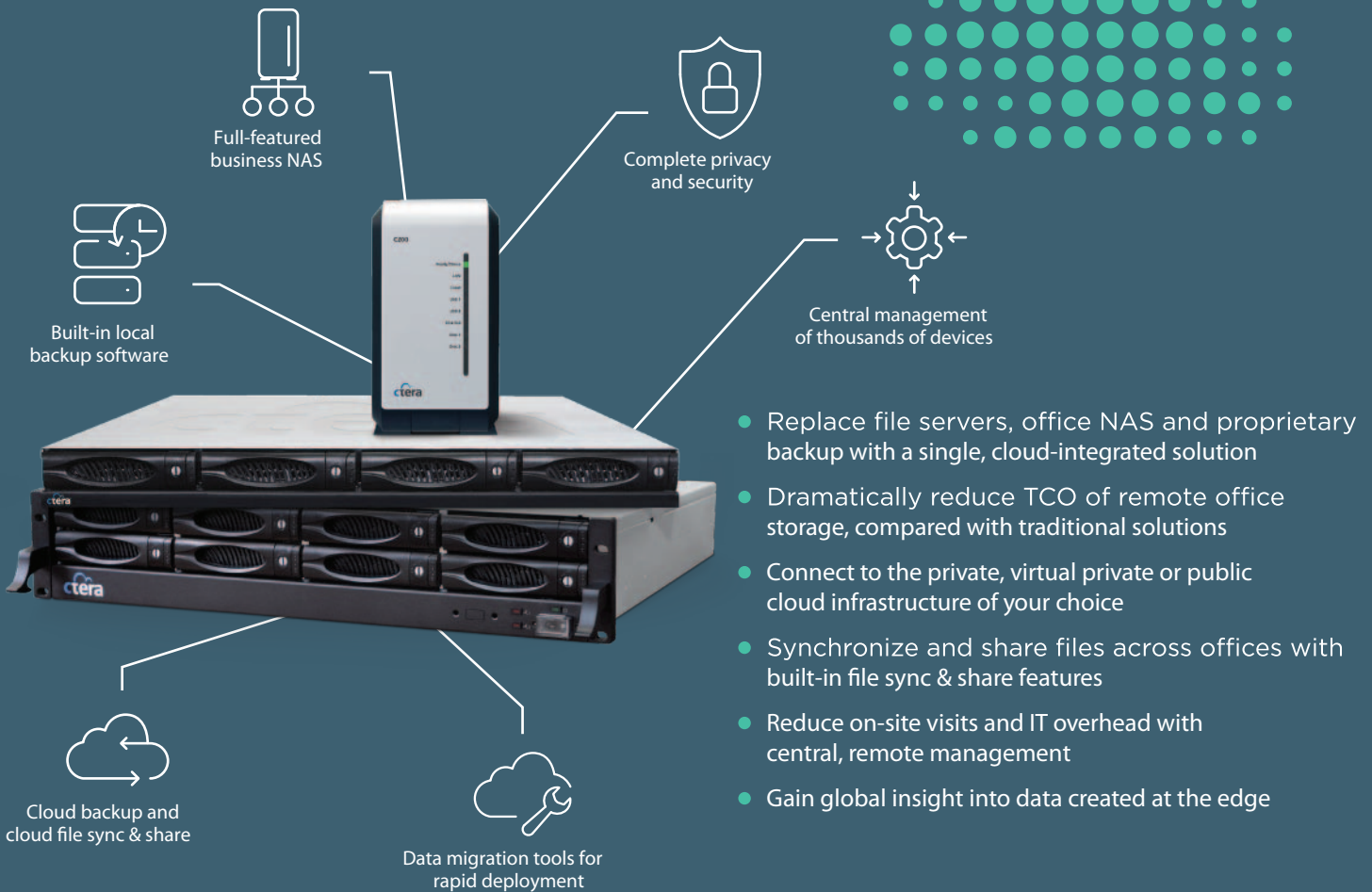


CTERA ROBO STORAGE MODERNIZATION

All-in-One Storage, Backup,
File Sync and Sharing Solution



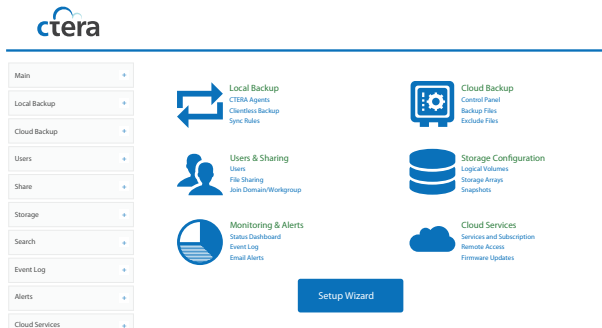
CTERA modernizes remote office / branch office (ROBO) IT with a comprehensive solution for file storage, file sync & share, and data protection that combines both on-premises and cloud infrastructure.

Utilizing CTERA's all-in-one cloud storage gateways, organizations can replace aging file servers, tape backup and other proprietary systems with a cloud-integrated solution that is easy and cost-effective to deploy and manage. The solution is optimized for performance across a wide range of environments, and provides built-in end-to-end security.

CTERA ROBO SOLUTION FEATURES

All-In-One Storage, Backup and Sharing

- Cloud storage gateways act as ROBO file servers with built-in disaster recovery and hybrid cloud backup
- Built-in enterprise file sync and share for mobile access and cloud-based collaboration
- Legacy file servers and disparate file services replaced with a single solution



Centralized Management and Governance

- Remote data access and appliance administration from anywhere via the cloud
- Eliminate need for on-site IT staff with full central management and monitoring
- APIs and integrations to enforce data protection policies: AD/LDAP, EMM, DLP, AV, and many more
- Multi-tenant, scalable management with templates and hierarchical administration

End-End Security and Privacy

- Source-based AES 256-bit data encryption from the endpoint to the cloud, with private encryption keys
- In-transit encryption using TLS
- Password policy management
- Remote wipe for lost/stolen devices
- Two-factor authentication via SMS/email for file sharing

Company (Optional):

Role:

Status:

Language:

Expiration Date:

Password:

Throughput Control

Do not throttle

Throttle the internet bandwidth usage

Limit outgoing bandwidth to: Kbit/sec

During these hours: -

On Days:

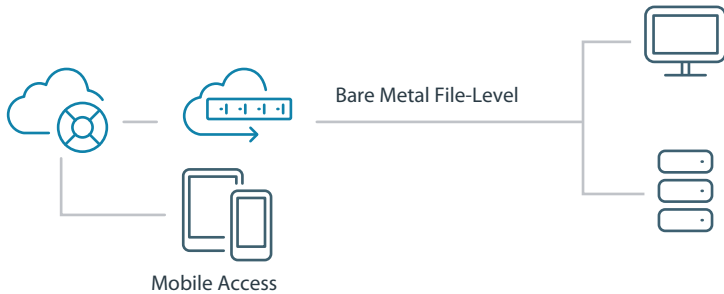
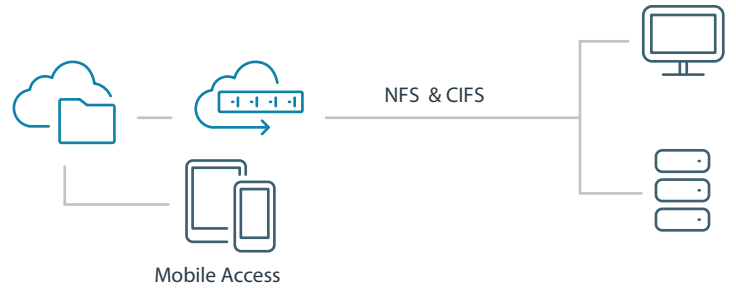
WAN-Optimized and Cost-Efficient

- Source-based global de-duplication greatly reduces WAN traffic and storage requirements
- Automated resumption of interrupted file transfer facilitates large file transfer
- Configurable bandwidth throttling

BRANCH OFFICE USE-CASES

ROBO File Server

- Replace legacy, individually managed file servers with cloud-integrated, centrally-managed appliances
- Deliver enterprise data services to your remote sites

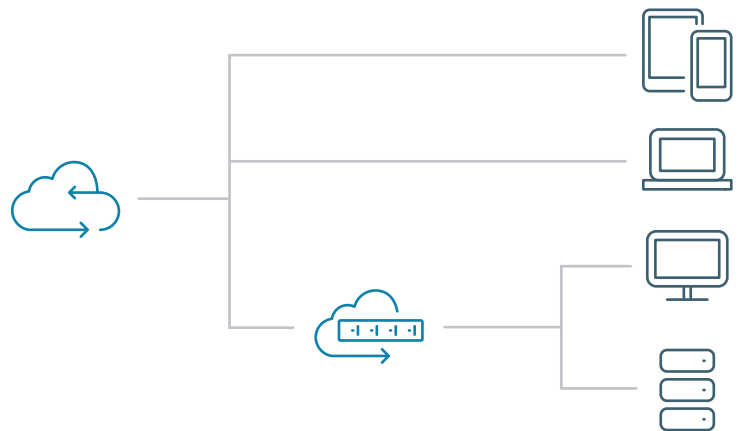


Hybrid Cloud Backup

- Back up endpoints and servers at LAN speeds. Restore locally via appliance or from cloud
- Replace expensive, proprietary legacy data protection systems

EFSS Appliance

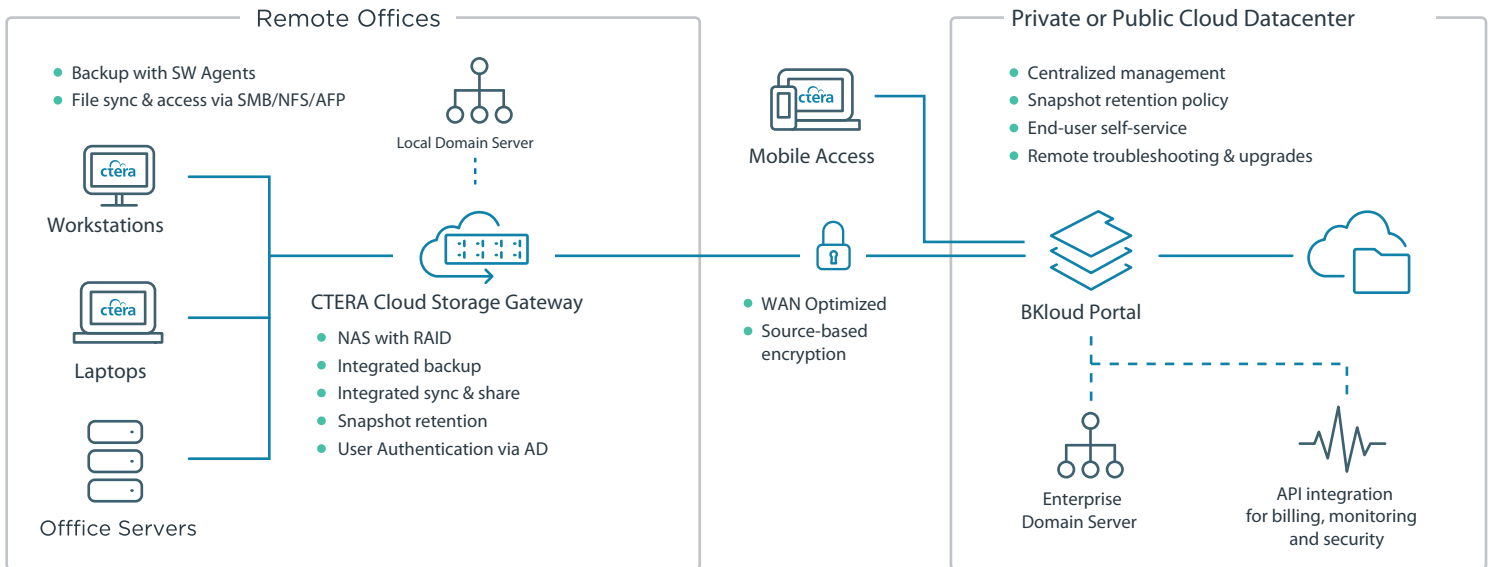
- Provide file sync & share functionality on the local network
- Maintain employee access privileges and projects across devices
- Optimize employee file access both in and out of the office







Software and Content Distribution

- Sync folders for simple, efficient content distribution – software updates, critical business documents, etc.
- Broadcast files and images to read-only directories

ARCHITECTURE



CTERA Cloud Storage Gateway Models

	 C200	 C400	 C800/C800+	 EV16
Form Factor	Hardware Appliance	Hardware Appliance	Hardware Appliance	Virtual Appliance*
Edge Capacity	Up to 8TB	Up to 16TB	Up to 32TB	Up to 16TB**
Rec # of Users	Up to 50	Up to 100	Up to 1000	Up to 250
RAID Levels	0/1	0/1/5/6	0/1/5/6	JBOD

Sync Gateway Features

- NFS, CIFS, AFP, rsync, WebDAV, FTP
- Clientless backup of local systems
- Roaming laptop backup agents
- Application-aware server backup with CTERA server agents
- Resizable logical volumes
- Thin-provisioned snapshots
- AES-256 volume encryption
- Microsoft Active Directory support
- Role-based administration
- EFSS user data & profile sync

Integrated with BKcloud Cloud Storage

- Storage-as-a-Service: BKcloud Object Storage
- Centralized management console
- Source-based AES-256 encryption
- Automated scheduled backup
- Folder & attribute-based backup sets
- Incremental snapshot to cloud with retention policy
- Global source-based de-duplication
- Restore methods: Windows Previous Versions, Appliance Web UI, and CTERA Portal File Manager
- Secure file access from mobile devices
- Real-time monitoring
- Custom email alerts/reports
- Audit trail and Syslog support
- Active Directory/LDAP user authentication and SSO
- Template-based management
- Remote firmware upgrades

* CTERA EV16 requires at minimum: 2 x vCPUs, 2GB RAM, 1TB storage. Recommended configuration: 4 x vCPUs, 8GB RAM, 16TB storage.

** EV virtual gateways are also available in larger configurations up to 64TB. Contact CTERA for more details.