CTERA Endpoint & Remote Server Backup
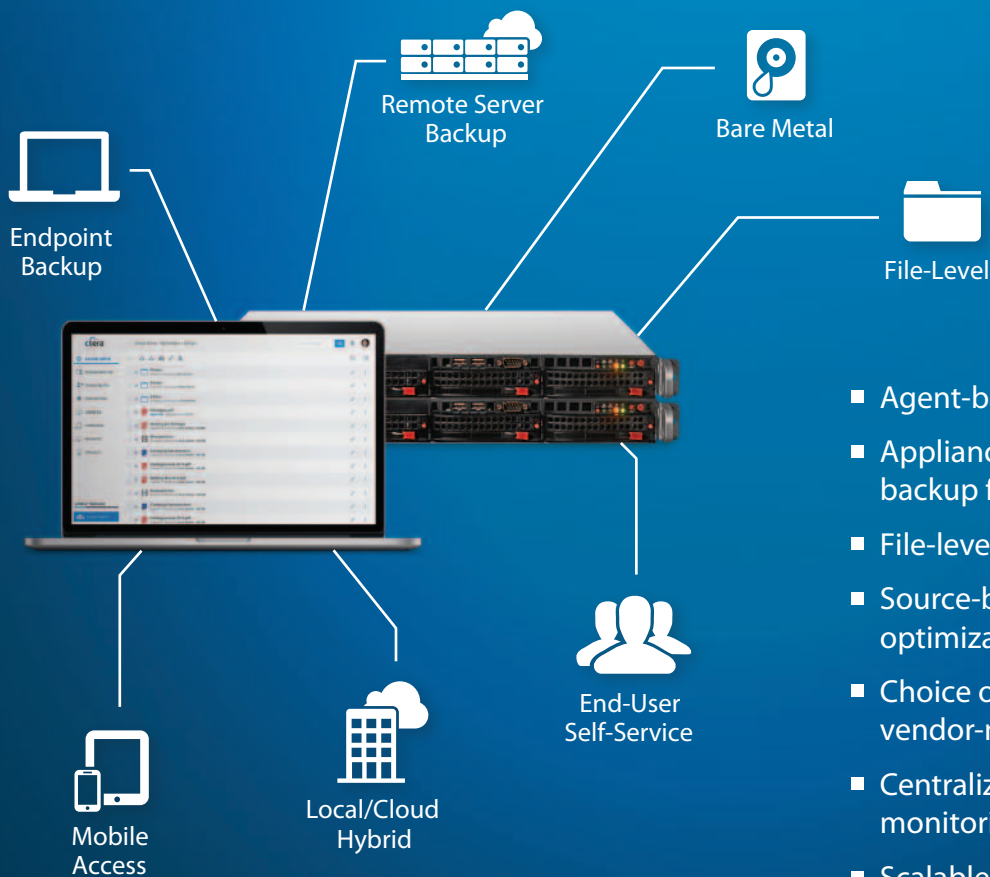
Efficient and Secure Cloud-Enabled Backup for The Dispersed Enterprise

Remote Server
Backup

Bare Metal

Endpoint
Backup

File-Level

Mobile
Access

Local/Cloud
Hybrid

End-User
Self-Service

- Agent-based cloud backup for laptops
- Appliance-based hybrid local and cloud backup for servers and workstations
- File-level and 'bare metal' backup & recovery
- Source-based encryption, bandwidth optimization and data reduction features
- Choice of private or public infrastructure, vendor-neutral
- Centralized management, real-time monitoring and custom alerts
- Scalable, integrates with identity management systems

CTERA Backup is a comprehensive data protection solution for laptops, workstations and remote servers. It provides both direct-to-cloud and appliance-based hybrid modes that optimize recovery times and performance, with fully centralized remote management.

CTERA Backup can be deployed as a fully private, behind-the-firewall solution in your datacenter, or as a 'virtual private' solution leveraging scalable public cloud infrastructure – always allowing you to retain complete control and ownership of your data.

Data Protection Features

Comprehensive Endpoint Backup for Laptops

- Automated, scheduled granular file backup
- Windows, Mac and Linux compatible
- Select folders to backup or exclude from backup
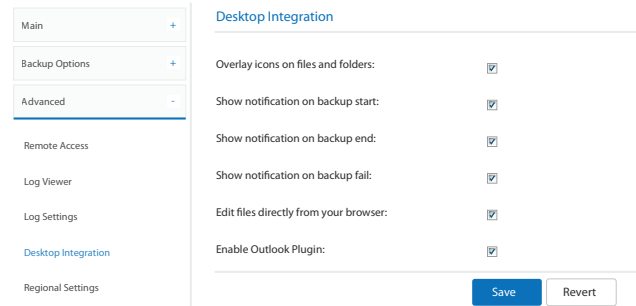- End-user self-service for simple file recovery
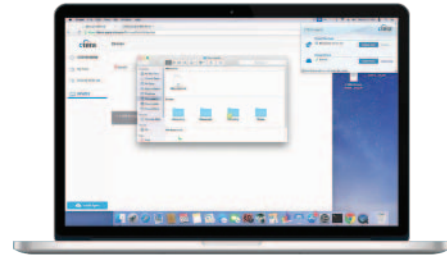
Hybrid Local & Cloud Backup

- Back up remote office servers and workstations using CTERA's Cloud Storage Gateways for file and 'bare metal' backup
- Maintain local copy for fast recovery, and a cloud copy for recovery in case of a local disaster
- Application-aware backup for Microsoft SQL Server, Exchange, Active Directory, Hyper-V and SharePoint

Windows and Mac OS Shell Integration

- Add and remove files for backup directly from Windows Explorer / Mac Finder
- Access previous versions of files
- Perform restore operations with ease

Main	+
Backup Options	+
Advanced	-
Remote Access	
Log Viewer	
Log Settings	
Desktop Integration	
Regional Settings	

Desktop Integration

Overlay icons on files and folders: ☑

Show notification on backup start: ☑

Show notification on backup end: ☑

Show notification on backup fail: ☑

Edit files directly from your browser: ☑

Enable Outlook Plugin: ☑

[Save] [Revert]

Throughput Control

- ○ 🚩 Do not throttle
- ● 🚩 Throttle the internet bandwidth usage

Limit outgoing bandwith to: [380] Kbit/sec

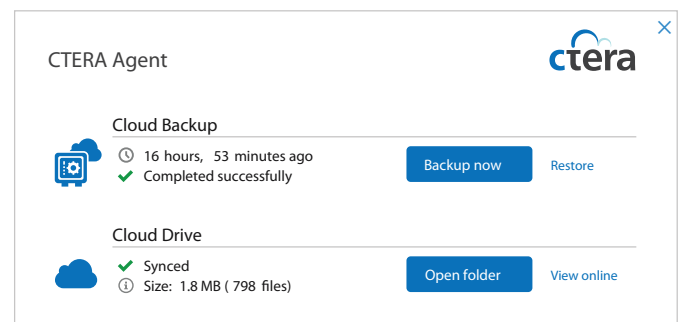☑ During these hours: [10:30 AM ▼] - [7:30 AM ▼]
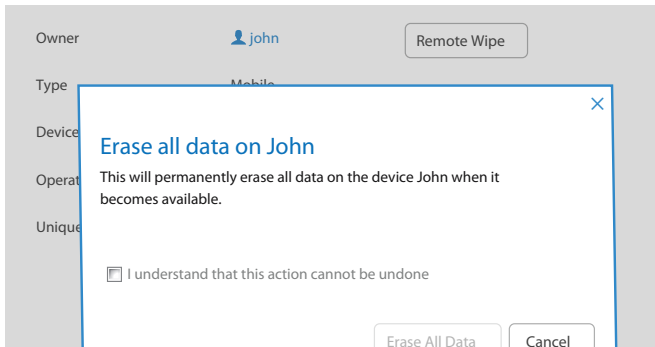
On Days: [Mon,Tue,Wed,Thu,Sun ▼]

Highly Efficient and Transparent

- 'Forever incremental' backup, only changed blocks are sent
- Small footprint, resource-efficient software agent
- Offline seeding option for large initial backups
- Full control over bandwidth usage and timing

Integrated File Sync & Share from a Single Client

- Sync files across multiple devices and access them anywhere
- Set up secure collaboration workspaces for file sharing
- Replacement for FTP, external cloud file sharing services and large email attachments

CTERA Agent   **ctera**   ✕

Cloud Backup

🕐 16 hours, 53 minutes ago   [Backup now]   Restore
✓ Completed successfully

Cloud Drive

✓ Synced   [Open folder]   View online
ⓘ Size: 1.8 MB (798 files)

Owner   john   Remote Wipe

Type   Mobile

Erase all data on John

This will permanently erase all data on the device John when it becomes available.

☐ I understand that this action cannot be undone

Erase All Data   Cancel

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 mobile devices
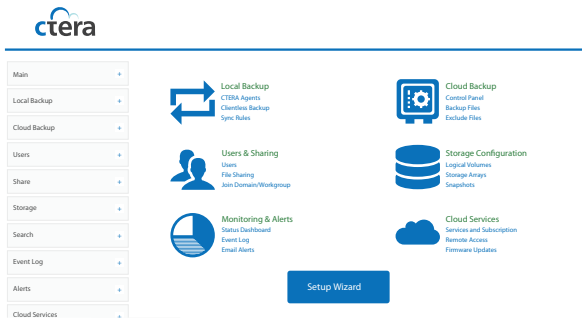- Two-factor authentication via SMS/email for file shares

Full Visibility into Data Usage

- Manage all users and devices from a single console
- Customizable alerts on system, security, and access events
- Granular logging and reporting, integration with 3rd party tools
- Integration with data loss prevention (DLP) and enterprise mobility management (EMM) tools

Audit

Select Topic: Audit   Minimum Severity: ℹ Info   ⬇ Export to Excel

Action	Origin Type	Origin	Date	Portal User	Device
⊕ Added	Portal	Office	2015 /02/02 02:10:50	john doe	
✎ Modified	Portal	Office	2015 /02/02 00:14:38	jane smith	
🗑 Deleted	Portal	Office	2015 /02/02 16:27:05	dean hanson	

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Main	+
Local Backup	+
Cloud Backup	+
Users	+
Share	+
Storage	+
Search	+
Event Log	+
Alerts	+
Cloud Services	+

Local Backup
CTERA Agents
Clientless Backup
Sync Rules

Cloud Backup
Control Panel
Backup Files
Exclude Files

Users & Sharing
Users
File Sharing
Join Domain/Workgroup

Storage Configuration
Logical Volumes
Storage Arrays
Snapshots

Monitoring & Alerts
Status Dashboard
Event Log
Email Alerts

Cloud Services
Services and Subscription
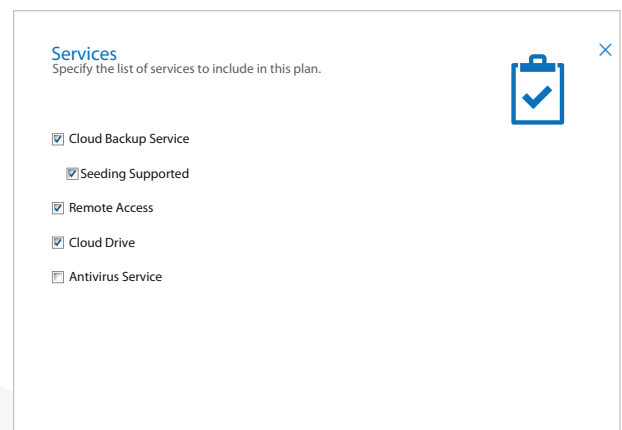Remote Access
Firmware Updates
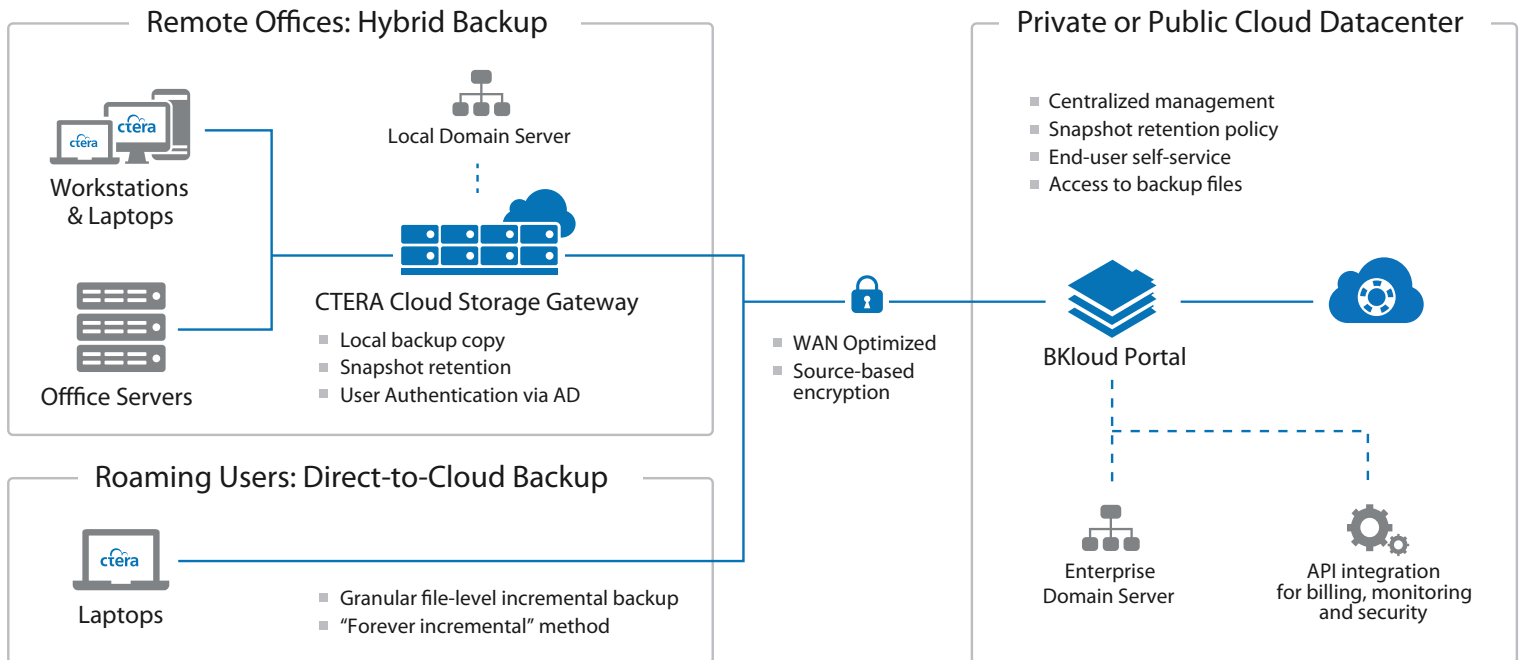
Setup Wizard

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
- Use scalable object storage for cost-effectiveness

Part of CTERA's Cloud Storage Services Platform

- Multiple uses including file sync & share, remote office storage and in-cloud server backup
- Leverage single storage pool for economies of scale
- Reduce IT overhead, software and hardware costs
- Manage multiple tenancies with role-based administration

Services
Specify the list of services to include in this plan.

☑ Cloud Backup Service

  ☑ Seeding Supported

☑ Remote Access

☑ Cloud Drive

☐ Antivirus Service

Architecture

Remote Offices: Hybrid Backup

Workstations & Laptops

Offfice Servers

Local Domain Server

CTERA Cloud Storage Gateway
- Local backup copy
- Snapshot retention
- User Authentication via AD

- WAN Optimized
- Source-based encryption

Roaming Users: Direct-to-Cloud Backup

Laptops
- Granular file-level incremental backup
- "Forever incremental" method

Private or Public Cloud Datacenter

- Centralized management
- Snapshot retention policy
- End-user self-service
- Access to backup files

BKloud Portal

Enterprise Domain Server

API integration for billing, monitoring and security

Specifications

Supported Devices

- PC agents: Windows XP/Vista/7/8, including multi-profile Windows environments; Mac OS Lion or newer; Linux (multiple distributions)

- Server Agents: Windows Server 2003, 2008, 2012; Linux (multiple distributions) and more
- Mobile apps for secure file access: Apple iOS devices (iPhone/iPad), Google Android, Windows Phone 8

- CTERA Cloud Storage Gateways

- Additional authenticated WEBDAV clients

White Labeling

- Optional rebranding based on CSS, allows complete reskinning of the user interface

- agent UI and mobile app

Active Directory / LDAP Integration

- Native Active Directory integration, including support for trusts and forest topologies

- Single Sign-On (SSO) using Kerberos or SAML 2.0

- Assign privileges and teams using Active Directory groups

Granular Auditing

- Configurable logging of system, login, access, backup, sync and file sharing events

- Flexible notification by event type and severity

- Syslog for integration with SIEM and audit vaults

- Nagios integration for system monitoring

Additional Integrations

- Parallels APS 1.2/2.0 for automated end-user self-provisioning

- Email and SMS gateways for 2-factor authentication, user notifications and administrator notifications.

- Mobile Device Management, including Mobile Iron, AirWatch, Good Technology

- Anti-malware/Anti-virus integration via ICAP standard, including McAfee and Symantec

bluechip
infotech
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