![ctera - your files. your cloud.]

CTERA for Manufacturing

Modernize aging NAS file services amid growing unstructured data, managing and sharing data across various locations.

Manufacturing firms grapple with the significant task of managing and storing vast amounts of data generated by Industry 4.0 and 5.0 initiatives, like IoT, robotics, AI, computer vision, and additive manufacturing. Efficiently storing, accessing, sharing, and archiving this unstructured data is vital for maximizing productivity and fostering innovation.

CTERA offers an effective solution to modernize aging NAS file services amid growing unstructured data, managing and sharing data across various lo cations. Its hybrid cloud architecture facilitates long-distance collaboration on large files, caches frequently accessed data, and maintains compatibility with industry-specific applications like Solidworks, Teamcenter, AutoCAD, and CATIA.

Collaborate Globally
Boost productivity of design experts in local and remote locations through secure, efficient multi-site collaboration. Project teams can leverage data from any site when necessary, and share files internally and externally, no VPN required.

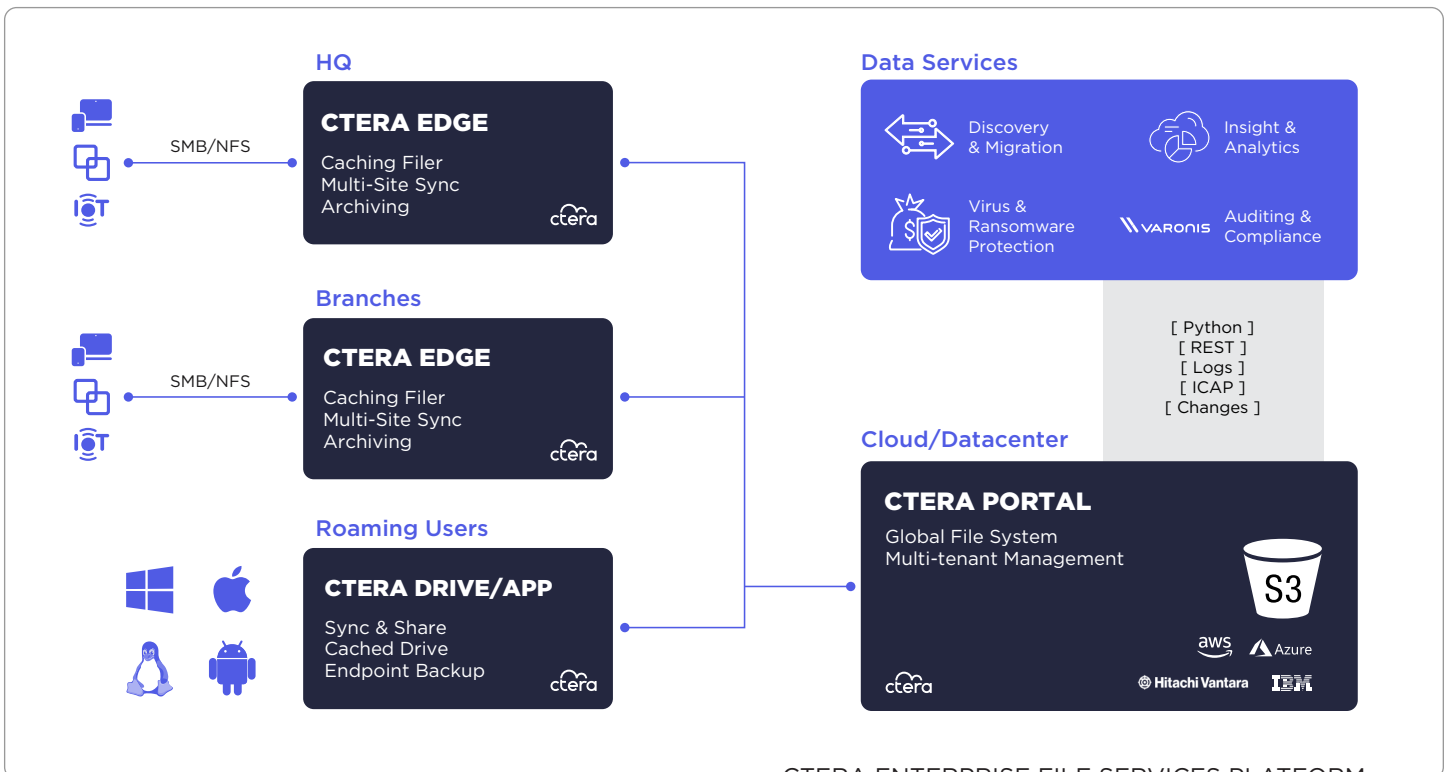## Access Vital Data over Poor Links
Edge caching capabilities mitigate latency, intermittent connectivity and bandwidth issues, ensuring quick access to vital files and data.

Safeguard Your Data Against the Elements
CTERA employs AI-based ransomware detection and robust instant rollback features. Leveraging air-gapped, immutable snapshots, you will have dependable protection against natural disasters and cyber threats.

Scale as Your Data Grows
By leveraging object storage, CTERA reduces storage costs by up to 80% and provides immediate scalability as data requirements increase, minimizing the need for local IT staff and costly truck-rolls.

HQ

CTERA EDGE
Caching Filer
Multi-Site Sync
Archiving

SMB/NFS

Branches

CTERA EDGE
Caching Filer
Multi-Site Sync
Archiving

SMB/NFS

Roaming Users

CTERA DRIVE/APP
Sync & Share
Cached Drive
Endpoint Backup

Data Services

Discovery & Migration

Insight & Analytics

Virus & Ransomware Protection

VARONIS   Auditing & Compliance

[Python]
[REST]
[Logs]
[ICAP]
[Changes]

Cloud/Datacenter

CTERA PORTAL
Global File System
Multi-tenant Management

S3
aws   Azure
Hitachi Vantara   IBM

CTERA ENTERPRISE FILE SERVICES PLATFORM

CASE STUDIES

FESTO closes the gap between local on-premise infrastructure with CTERA's edge-to-cloud approach

FESTO, a world leader in industrial automation technology, employed the CTERA platform to modernize their file infrastructure. With 21,000 employees in 170 locations worldwide, FESTO needed a solution that could support their cloud-first IT strategy and manage file services for remote locations without compromising performance or security.

CTERA's edge-to-cloud approach closed the gap between local on-premise infrastructure and scalable cloud-based services. FESTO now uses CTERA's Global File System to support users in over 50 locations worldwide, with edge filers at each site enabling local file access for optimal user experience. By adopting CTERA's scalable edge-to-cloud file services infrastructure, FESTO achieved their cloud transformation goals, reduced IT costs, and lowered their TCO.

"CTERA helped us transform from local on-premise infrastructure to scalable cloud-based services, reducing costs and TCO."

– Marcus Masching, Head of IT Computing Services at FESTO

Churchill's gained substantial savings on disk storage with CTERA's Global File System

Churchill, a global leader in manufacturing professional tableware, is renowned for providing the international hospitality industry with top-quality tabletop solutions. Facing a 10-15% increase in file storage requirements every six months, Churchill sought a solution to lower storage costs while enabling remote access and multi-site file collaboration for its users. To address these challenges, the company chose CTERA to replace its legacy storage services.

Churchill's transition to CTERA's Global File System offered unlimited storage, streamlined data management, and resulted in substantial savings on disk storage. Amid the COVID-19 outbreak, an unexpected benefit surfaced: the system enabled effective work from home arrangements, allowing the company to maintain its workforce efficiency during the pandemic.

"COVID-19 has made remote workforce enablement a critical priority. Through our work with CTERA, we're able to enable seamless file access and collaboration for WFH users, making them as productive as if they were in the office."

– Alistair Henderson, Head of IT

CTERA's Comprehensive Solution for Manufacturing Companies

CTERA's platform offers a range of features designed to meet the unique requirements of the manufacturing industry:

CTERA Edge Filers

Replaces legacy file servers with a centrally-managed, caching-enabled edge solution. This allows better handling of unstructured data growth and enables manufacturers to efficiently manage data generated at edge locations.

CTERA Drive and CTERA Mobile

Apps for Windows, Mac, iOS and Android provide secure and accelerated file sync and share to roaming users' devices. Enables workers to monitor equipment health, troubleshoot, and perform preventive maintenance, minimizing downtime.

Data Analytics Connector

CTERA's S3 Connector provides manufacturers with potent APIs for advanced data analytics and processing using the industry-standard S3 protocol.

Multi-Cloud Data Management

CTERA Cloud Storage Routing provides administrators full control over data storage locations, enabling file replication across multiple clouds with total control over data residency for compliance and data governance.

Robust Cyber Protections

The platform can be deployed 100% in-firewall with end-to-end military-grade encryption for total data privacy, protecting sensitive data from cybersecurity threats.

Global File Synchronization

File changes are continuously replicated to the chosen cloud, facilitating global file collaboration and ensuring business continuity in case of data loss.