![ctera — your files. your cloud.]

# Edge-to-Cloud File Services for Construction

## Streamline project management, simplify file sharing & collaboration, and reduce storage costs

## Driving Operational Efficiency and Minimizing Storage Costs in Multi-Site Construction Firms

The complexity of managing construction projects continues to escalate, with hundreds of design and operations professionals spread across multiple distributed sites. Firms are adopting new digital technologies to streamline project management, which has led to skyrocketing file storage requirements. The cost of scaling and upgrading traditional NAS appliances to meet this massive data growth is no longer viable. To reduce their rising edge storage costs, construction firms seek to migrate from local file storage to cost-effective and scalable cloud storage.

Whether at the office or on the jobsite, professionals and roaming users need to store, access and collaborate on mega-sized project files on a daily basis. Team members want visibility into project progress and fast access to CAD/CAM, 3D modelling, BIM and other files from any device or location. Popular file sharing tools, such as Sharepoint and Dropbox, are cumbersome and typically necessitate time-consuming and costly IT support. To meet these operational challenges, construction firms require more efficient file management and collaboration tools, while ensuring business continuity and data protection at remote sites in harsh conditions.

## Modernize Storage Infrastructure and Reduce IT Costs with CTERA

CTERA offers a breakthrough edge-to-cloud approach for file storage and management. The CTERA Enterprise File Services Platform enables construction firms to reduce storage costs without sacrificing scalability or performance.

This cloud-enabled platform allows firms to gain unlimited edge capacity, enhance collaboration, and simplify IT operations.

### Replace Legacy NAS Appliances

Reduce your storage footprint and significantly lower storage costs by replacing traditional NAS appliances at remote offices with cloud-enabled, high-performance CTERA Edge Filers. By combining the benefits of edge and cloud storage, CTERA enables construction firms to modernize data infrastructure, future-proof against storage sprawl, and maintain high performance at the network edge.

### Cross-Site Collaboration among Project

Improve the productivity of design and construction professionals at regional offices and roaming users by enabling secure and efficient multi-site collaboration. Project teams can share files and tap into expert resources from any office as needed. Built-in global file sharing and collaboration lets any number of users edit, collaborate, and share files across offices, as well as sharing blueprints, photos and key specs with clients.

### Data Tiering and Archiving

Automated tiering lets you move cold data to low-cost cloud object storage while locally caching hot files for fast access. This results in infinite capacity since only frequently used files are stored at the edge in our high-capacity CTERA Edge Filers. Moreover, data tiering eliminates the need for truck rolls or installation of new appliances to expand capacity.

**Customer Spotlight:**

KORTE
build smart.

The Korte Company, a fully integrated design-build construction firm with hundreds of employees in offices across the US, sought to modernize its file storage and management infrastructure. Key business requirements were to reduce costs and enhance collaboration among regional teams and roaming users. Using the cloud-enabled CTERA Enterprise File Services Platform, Korte was able to streamline project efficiency through smart file management and simplified collaboration.

*" CTERA meets the needs of every aspect of our business, from pre-construction to design to project management. Everyone in the organization uses CTERA: they manage their own files, they share projects externally, and they recover previous file versions if needed. "*

Barry Kauhl, Korte's Director of IT.

# CTERA Solution for Construction

The CTERA Enterprise File Services Platform contains a rich set of features that help construction firms drive operational efficiencies, improve time-to-build and increase user productivity. Using CTERA, firms can leverage cloud scalability and economics using any private, public or hybrid cloud storage platform. Remote users gain anywhere, anytime file access, versioning and file collaboration capabilities using Enterprise File Sync & Share on their mobile devices.

CTERA modernizes office storage and backup processes with centrally managed, edge-to-cloud approach. Business continuity is assured in any scenario as users' critical files are always available from the local cache and replicated to the cloud. Automated endpoint backup and a user self-service model reduce the burden on IT staff.



Virtual Servers

**Private Datacenter or Virtual Private Network**

Virtual Desktops

**CTERA Portal**
Global File System and Centralized Management

**File/Object Storage**
On-Prem or IaaS: DellEMC, HPE, IBM, NetApp, AWS, Azure, etc.

**Remote Locations** | **and Endpoints**

Mobile Devices

PCs/Laptops

CTERA Edge Filer

CTERA Mobile App

CTERA Drive

PCs/Laptops

Servers