

# Simplifying Remote Collaboration in Education with Global File Services

## CHALLENGES

As remote team collaboration becomes increasingly crucial in both enterprises and higher education, the challenge lies in developing efficient solutions that can handle the rapid increase in data size. Additionally, differences in technological infrastructure and data storage can create obstacles in sharing information and collaborating effectively. To address these issues, Morro Data's hybrid-cloud solution offers a unique approach by bringing data to the user.

## At A Glance

- Primarily used for **file server consolidation** and enables businesses to centralize their storage infrastructure and provide **remote access**.
- Unlimited storage and performance scalability. Easily handle large amounts of data.
- **Automated backups** and multiple **file recovery** options.
- Risk Signal Management for Ransomware

## SOLUTIONS

Morro Data's innovative global file system and cloud caching technology can seamlessly synchronize a large amount of data across multiple distributed workplaces, resulting in a hundredfold increase in performance compared to using slow remote VPN access. Thanks to the CacheDrive, professors/students can work and collaborate from home while still maintaining data consistency, effectively bringing the cloud to them. Files are first locked, synced to all CacheDrives, and unlocked.

Moreover, Morro Data's VM CacheDrive hosted on AWS allows for effortless scaling and integration of existing locally hosted cloud resources by leveraging the CacheDrive and the accessibility of AWS internal networks for various file operations. With the Morro Connect application, students can access university network shares from anywhere and upload or download projects and homework assignments, making remote learning easier than ever. The global file system always presents the latest file versions to all users while preserving previous versions, eliminating the need for manual update management.

Additionally, Morro Audit tracks all file access for record-keeping purposes and makes it easier to identify and resolve any user errors or investigate past events.

## The Benefits of Morro Data CloudNAS

1

**Secure Global File Sync:** Data is synced in real-time to all CacheDrive locations in the Morro Global File System. Master data is in the cloud, and versions are kept according to policy.

2


**Team Collaboration:** CacheDrive handles the file syncing and locking, supporting a wide range of applications including Microsoft Office, AutoCAD, Revit, and Adobe CC Suite.

3

**Remote Access:** With the Morro Connect app in Windows or macOS, remote users and students can upload/download files without having a local CacheDrive.



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