

# EDGE Consulting Engineers Migrates from On-Premises Infrastructure to Cloud-Centric Global WAN+File Services



## Industry

Architecture, Engineering, Construction

## Regions

Australia, New Zealand, UK, Asia, Middle East

## Deployed Solutions

Global File Services  
Morro Edge

## About Edge Consulting Engineers

Founded in 1999, Edge Consulting Engineers are a multi-disciplinary, international consulting engineering company, specializing in civil, structural, and geo-environmental engineering services. The business was established in the Gold Coast of Australia and has expanded over the last two decades. It currently has 13 locations worldwide throughout Australia, New Zealand, UK, Asia, and the Middle East.

## Challenges of On-Prem IT

With the expansion, Edge Consulting Engineers faced the challenge of managing storage in all locations using NAS and Dropbox. The lack of

multi-site collaboration became a serious problem as the company expands its geographical presence. The IT team started to look for a Global File Services solution with the following requirement:

- Easy to deploy
- Easy to manage
- High-performance file access for engineering applications
- Real-time file sync and file locking
- Compatible with the existing domain infrastructure for seamless transition
- Easy on the budget

## Meet Morro Global File Services

Morro Data's cloud-centric Global File Services

provides users with a centralized file view via real-time file sync, allowing users in any location to access files from a local cache with a single namespace. The master copy of files are encrypted and securely stored in AWS, Azure, or other cloud storage providers. Morro Data's solution can be deployed in VM (VMware, Hyper-V, Azure, AWS) or as physical appliances from mini to rackmount sizes.

In the search for the best Global File Services solution, the IT team evaluated solutions from several vendors including Windows DFS, Panzura, Nasuni, and Morro Data. Morro Data won the final nod on its impressive ease of use and implementation for its comprehensive enterprise functions. During the deployment for the initial testing, Edge Consulting Engineers was able to deploy VMs at different sites and started using the file sync function within an hour.

Edge Consulting Engineers started with Morro Data in 2019 deploying CacheDrive virtual machines in its main locations and later the physical G80 CacheDrive appliances at some of its smaller international sites. Taking only minutes to deploy and hours to sync the full file system, every location is connected to the company's global file system and users can collaborate on the same project with high performance and consistency. The management of the global file system is cloud-based and much easier than managing and maintaining the old on-prem infrastructure.

## Morro Edge for the Hybrid Workplace

The Morro Edge product concept was started when many of Morro's Global File Services customers asked for a complete solution to provide domain authentication to remote sites with little IT infrastructure, such as field offices, home offices, or shared workspaces. Overtime, it evolved from an authentication-driven function to a full cloud-managed and scalable Global WAN Services securely connecting a company's core networks to the edge sites.

In 2021, note the naming coincidence, Edge Consulting Engineers began deploying Morro Edge. Morro Edge combines Morro's Global File Services and Global WAN Services. The solution enables engineers to work from home running AEC programs accessing a local CacheDrive with minimal latency, saving the cost and hassle of deploying SD-WAN or VPN equipment. The user's PC and the local CacheDrive at the edge site are authenticated by the domain controller in the head office through the Morro Edge virtual WAN connection. Given the need of hybrid workplace, Morro Edge has made it possible for the engineers to have at home the same workflow and productivity as in the office.

Going forward, Edge Consulting Engineers plans to deploy Morro Edge at new remote sites as long as Internet is available, including shared workplace and employee homes.

*"Morro Data stood out from other solutions because of the overall costs, easy deployment, and the flexibility of services."*

- Scott C.

**IT Manager**

**Edge Consulting Engineers**

*"Once Morro Edge is configured, all the Edge sites are connected to the domain controller and other corporate resources in the head office. The key is to have both the data synced and the servers accessible to the remote edge site. Setting up a new edge site is as easy as sending the Edge device."*

- Scott C.

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