

Morro Data is revolutionizing data management for small and medium- sized businesses (SMBs) with the innovative CloudNAS series solution to deliver the local network performance and simple user experience with the cloud reliability, accessibility, and scalability.

Morro CloudNAS includes cloud storage, the Morro global filesystem, and a Morro CacheDrive device as an integrated solution for cloud storage. CloudNAS is a cost-effective solution for business applications of multi-office file sync-n-share, cloud backup and data protection, and cloud-based file server storage.

Morro CacheDrive is the industry's first cloud gateway designed for high-performance, efficient and simple file access. Powered by Morro's Cache & Sync technology, the CacheDrive delivers advanced data management features, such as global de-duplication, compression, chunking, encryption, and versioning.

The CacheDrive V100 is a CacheDrive in a virtual machine (VM). An V100 image can be acquired and deployed on a standard hardware platform to function as other Morro CacheDrive devices.

High-performance

The Morro CacheDrive caches the most-recent accessed content locally for shared access. It allows users to access cloud-stored contents at local network speed – that is *100 times faster* than accessing directly from the cloud limited by the average broadband Internet connection.

Storage Efficiency

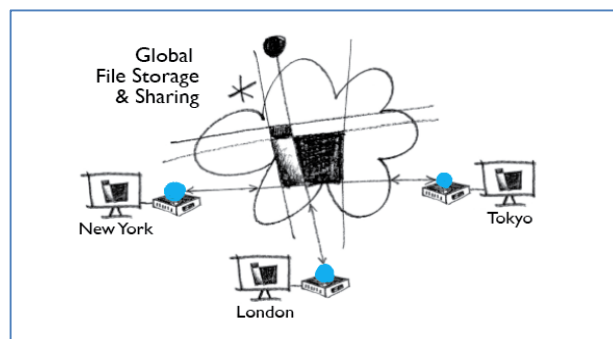
Smart Cache & Sync allows users to access the files on demand. Once being accessed, the files are cached locally and available to all local network users. It frees disk space on users' PC or Mac. Users can be worry-free about running out of disk space typically caused by unnecessary automatic cloud storage download.

Infinite Capacity

Morro CacheDrive is built upon cluster architecture and supports a range of cache size configurations. A Morro cluster is a logical group of Morro Gateways and Morro xCache Expansion Units on the local network. The on-premise cache size is determined by the total cloud storage capacity and the file access workload. In turn, the Morro Cloud solution is highly scalable to support infinite capacity.

Data Resiliency

Morro CacheDrive allows files being stored on Morro Cloud Storage, which is built on Amazon AWS S3. The enterprise-class cloud storage is rated with 99.9% availability and 99.999999999% durability. Morro CloudNAS also supports bring-your-own-Storage for users to integrate its own AWS S3 or BackBlaze B2 cloud storage. All offers enterprise class data resiliency, reliability and durability.





Morro CacheDrive V100

Global File System

The Morro global filesystem provides unified and consolidated files access for users in the same office or from remote offices, for all the files stored on Cloud Storage. System administrator can setup and manage user accounts, user permissions and storage resource from a cloud-based management portal. Users in multiple office locations can all work together just like working in the same office.

Simple and Versatile

Morro CacheDrive supports simple network attached storage (NAS) interface via the Server Message Block (SMB) protocol. Users can drag-n-drop files in the most familiar local file manager.

Morro CloudNAS with the combined benefit of cloud and local network, it's a perfect fit for multiple office sync-n-share, cloud based backup, and accelerated cloud storage for primary file server applications.

Cost-effective

With smart Cache & Sync technology, files are downloaded from the cloud to CacheDrive and shared among all users. It reduces the Internet traffic. With its innate backup-less and maintenance-free operation, Morro CloudNAS reduces the operational cost and management overhead. The solution does not charge per-user fee, offers optimal total-cost of ownership (TCO) for businesses.

Technical Specifications

Hypervisor	ESXi6.5 (VMware 13) or later
<i>Supported configuration</i>	
Internal Storage /Cache Memory	Up to 128 TB (minimum 80GB required) 2 GB (minimum 768MB required)
Networking	1 port supported DHCP, Support of IPv4 and IPv6
Network File Protocol	CIFS/SMB
Management	Morro Cloud Manager, device management, user/group manager, Account manager, customized unique URL
Access and Authentication	User, Group, Gateway based share mapping
Storage	Morro Cloud (Amazon S3 based cloud storage), AWS S3, BackBlaze B2 De-duplication, compression, file-versioning
Security	AES 256-bit encryption, SSL for Web link
Supported Browser	Chrome v.49 or later, Firefox v.51 or later, IE 9 or later, Safari 7 or later
SKU / Configuration	Worldwide: V1010WW CloudNAS Business or CloudNAS Enterprise plan needed to support CacheDrive V100

Copyright 2017© Morro Systems, Inc. All rights reserved.

Morro Data, Morro logo, Morro CacheDrive, and xCache are trademarks of Morro Systems. Other names, brands, and logos may be claimed as the properties of others. Specifications are subjected to change without notice.