**Digital Transformation for
Remote and Branch Oce IT**

Secure Enterprise File Services From Edge To Cloud

ctera your files.
your cloud.

POWERING THE NEW ERA OF ROBO HYPERCONVERGENCE

The modernization of corporate file services at remote offices and branch offices (ROBO) is a priority for enterprises as they embark on digital transformation initiatives. Organizations are now looking for smarter, less expensive tools that deliver secure file storage and collaboration services to the edge of the network, and users are looking for cloud-integrated services that are better data access options than traditional storage silos of data. Often these needs can't be met by public cloud services due to data security and governance concerns, as well as the performance/latency and connection realities of traditional ROBO infrastructure.

SIMPLIFIED AND ECIENT MANAGEMENT OF REMOTE FILE SERVICES AND APPLICATIONS

CTERA and Nutanix partner to deliver a secure, hyperconverged platform for file services that enables enterprise organizations to enjoy dramatic ROBO IT infrastructure consolidation of office storage/NAS, collaboration, networking, and virtualization – with no compromise on security or performance. The solution comprises the CTERA Edge Filer, a virtual all-in-one office storage appliance, and Nutanix's Enterprise Cloud OS software.

The Edge Filer allows oce workers to securely access, share and protect an unlimited number of files in the cloud as if they were stored locally, and to seamlessly collaborate on files across oces globally. Users also can access their files from anywhere, using a browser or apps for mobile platforms including iPad, iPhone and Android.

Cloud performance challenges at the edge are mitigated with Nutanix's powerful, unified IT operating environment and CTERA's smart caching edge devices, which accelerate access for any oce or roaming user to a global namespace. The platform is deployed entirely in the customer's private network on Nutanix infrastructure, enabling the highest levels of data isolation. Files are sent to the cloud according to the customer's policy using AES-256 encryption, compression, de-duplication, and bandwidth control.

CTERA File Services Benefits

• Distributed oce storage with local caching and cloud tiering of least accessed files

• Corporate files, data, metadata, and authentication maintained entirely behind the firewall

• Cross-site file sharing and collaboration

• Secure endpoint file collaboration tools for roaming users

• Seamless migration from legacy NAS systems with full folder structure and permissions preservation

Nutanix HCI Technology Benefits

• Simplified management of all applications and services across branch sites

• Ecient operations to reduce space and power costs by up to 80 percent

• Turnkey virtual infrastructure for all common ROBO environments

• Centralized analytics aggregate usage statistics across remote sites

NUTANIX™
YOUR ENTERPRISE CLOUD

The CTERA Enterprise File Services Platform for Nutanix provides enterprises, government and defense agencies, and other leading organizations a quick and easy way to launch a variety of file services offerings. With ultimate automation, multi-tenancy, security and the broadest portfolio of cloud-enabled file services, CTERA and Nutanix facilitate highly cost-effective, centrally-managed services that address a number of ROBO IT initiatives, including:

OFFICE STORAGE MODERNIZATION
CTERA Edge Filers provide LAN-speed access to cloud-based files using caching and sync replication. The appliances are centrally managed to scale across 1000's of global locations. Edge Filers replace legacy file servers, data optimization tools, offsite services, and more.

CROSS-SITE COLLABORATION
CTERA Edge Filers provide fast, local access and collaboration to cloud-based files. Users in separate geographies can easily work on files to improve productivity while maintaining the highest levels of performance and data security and control.
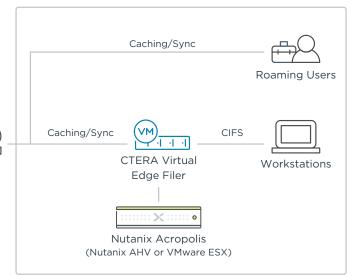
DATA ARCHIVING
Files on CTERA Edge Filers can be archived to the cloud to drive significant cost savings vs. on-premises storage. Caching technology enables native OS access to archived data, ensuring seamless file retrieval when needed.

CTERA Enterprise File Services Architecture for Nutanix

YOUR ENTERPRISE CLOUD