

SFD22 - CTERA

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Your files. Your cloud.

“Multi-cloud enterprise unstructured data management”
Founded 2008, background in cyber security

Infrastructure everywhere - every IT environment is hybrid - storage should not limit workload placement

30X increase in edge workloads by 2025 (autonomous cars, 5G towers, video surveillance)

But edge is hard

Distributed cloud file storage from edge to core to cloud - master copy in the cloud
Connect branches and users over single namespace
80% cost saving with global dedupe and cloud economics

Core building block is file system - 97% object, 3% Flash

Source based encryption - encrypted block - “VPN for storage” - keys can be stored elsewhere
File system is POSIX compliant, supports NT ACLs

Edge Filer - SMB / NFS
Endpoint - Desktop / Mobile / VDI
Container - Kubernetes CSI driver

Use cases

- NAS modernisation
- Multi-site collaboration
- Remote workforce
- Edge data processing
- Media
- Container-native

Multi-Layer Virus Scanning

Edge Data - based on HPE SimpliVity, also works with VXRail, NTNX, Cisco HyperFlex

Caching and tiering are very different technologies

*Jim Crook
Customer case studies

*Demo - Shannon Pope

“Heavy spreadsheet users”

Technical Deep dive

*Aron Brand

No SaaS components - appeals to security conscious folks