Complete File Data Platform for End-to-End Corporate Video Production On-Prem or In-Cloud

The need for effective corporate communication is growing as workplaces expand and become more dispersed. Corporate video production has become mainstream for today's employee education, training, corporate communication, marketing, and advertising, helping to improve overall communications and reduce costs. As larger amounts of high-quality video content is produced, stored, and managed by modern enterprises, corporate media professionals are seeking many of the same high performance file storage solutions used by large film studios and media production companies to render, edit, and archive their video workflows.

Qumulo's file data platform meets the needs for today's corporate video content production and storage on-prem or in cloud environments; providing a modern infrastructure employing flash-first or all-NVMe platforms which can handle the toughest 4K or 8K workloads. The file system's simple modular design enables limitless scalability to manage ever-growing capacities and retention requirements. Qumulo provides multiprotocol support for NFS and SMB to seamlessly integrate with existing enterprise networks and video editing applications. Qumulo enables organizations to build and enhance multi-site collaboration with unified data accessibility. With Qumulo, organizations can transition to hybrid cloud environments, or burst existing workflows to the cloud to accelerate productivity, when needed. In addition, Qumulo provides robust data protection, with the economics of archive storage, to protect valuable digital content.

Accelerated Performance and Productivity

Qumulo's storage solution easily integrates into current enterprise networks and workflow environments using existing media asset management and video production applications. Powerful all-NVMe or flash-first technology platforms manage both small and large files for HD, 4K, and 8K workloads, ensuring fast and smooth playback and editing of video footage, even when there are multiple editors working with multiple streams of footage. Qumulo's file system stores all data in a single namespace, allowing multi-location production teams to easily access content, collaborate, and meet project deadlines faster.

Benefits & Features

Seamless integration with existing applications

- Flexible infrastructure integrates with existing network, video editing applications

Accelerate corporate video access and collaboration

- Fast, centralized access and collaboration, on-prem, multi-site and in the cloud

Unlimited cloud options to meet individual organizational needs

- Build a complete cloud studio or burst computer power to the cloud, as and when needed

Simple scalability to support performance and capacity growth

- Support petabyte-scale capacities for billions of large and small files
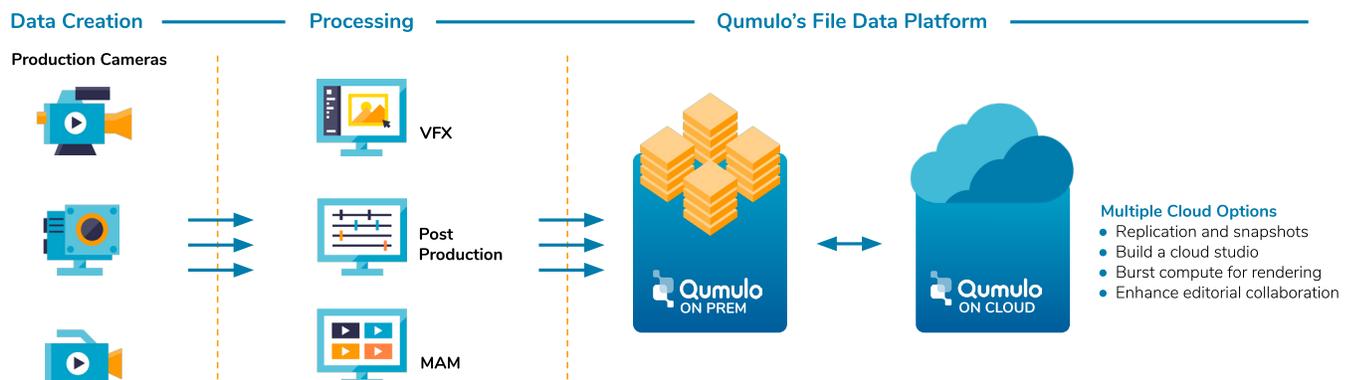
Built-in enterprise-level content security and protection

- Most efficient protection of valuable video content with erasure coding
- Local and remote snapshots, and continuous replication

Improve business efficiencies with real-time analytics

- Monitor performance, capacity and usage of the entire file system
- Simplify resource management and reduce costs

Qumulo Corporate Video Workflow

Data Creation — Processing — Qumulo's File Data Platform

Production Cameras

VFX

Post Production

MAM

Qumulo ON PREM

Qumulo ON CLOUD

Multiple Cloud Options
- Replication and snapshots
- Build a cloud studio
- Burst compute for rendering
- Enhance editorial collaboration

Qumulo

Easily Leverage Multiple Cloud Options, When Needed

Without the cost of additional internal resources, organizations can employ Qumulo's cloud-native file data platform for their video production workloads using either Amazon Web Services (AWS) or Google Cloud to create a studio in the cloud. For heavier workload periods, enterprises have the option to burst compute power to the cloud.

Cost Effective Scalability and Secure Long-Term Content Protection

Qumulo's file system provides a simple, scalable, and cost-effective choice that provides a modern replacement to traditional SAN-based infrastructures. Qumulo's file data platform scales across economically with no vendor lock-in; nodes can be added to the existing infrastructure to increase both performance and capacity levels as required, with no disruption or downtime.

Qumulo ensures the most cost effective, fail-proof data protection for petabyte levels of corporate video content with the use of erasure coding. Data is protected for the long-term with minimal storage overhead, requiring no extra software or tiering strategies. In addition, Qumulo enables local and remote snapshots and continuous replication, to ensure that data is preserved for the long-term and always available. For maximum file storage efficiency for both small and large files, Qumulo allows 100% usable storage capacity, so organizations can make the most of their investment.

Real-Time Insight Provides Data-Aware Intelligence

Qumulo's file data platform provides administrators with built-in, real-time analytics to monitor performance, capacity, and usage of the entire file storage infrastructure. Users are able to gain insights to manage issues before they occur, and to proactively make decisions for planning future growth.

About Qumulo

Qumulo is the leading provider of cloud file data services, providing real-time visibility, massive scale and API control of your data across on-prem, and private and public clouds. Qumulo's cloud-native file system delivers an identical experience and capabilities across on-prem, hybrid, cloud, and multicloud environments.

www.qumulo.com