

Qumulo for Visual Effects (VFX)

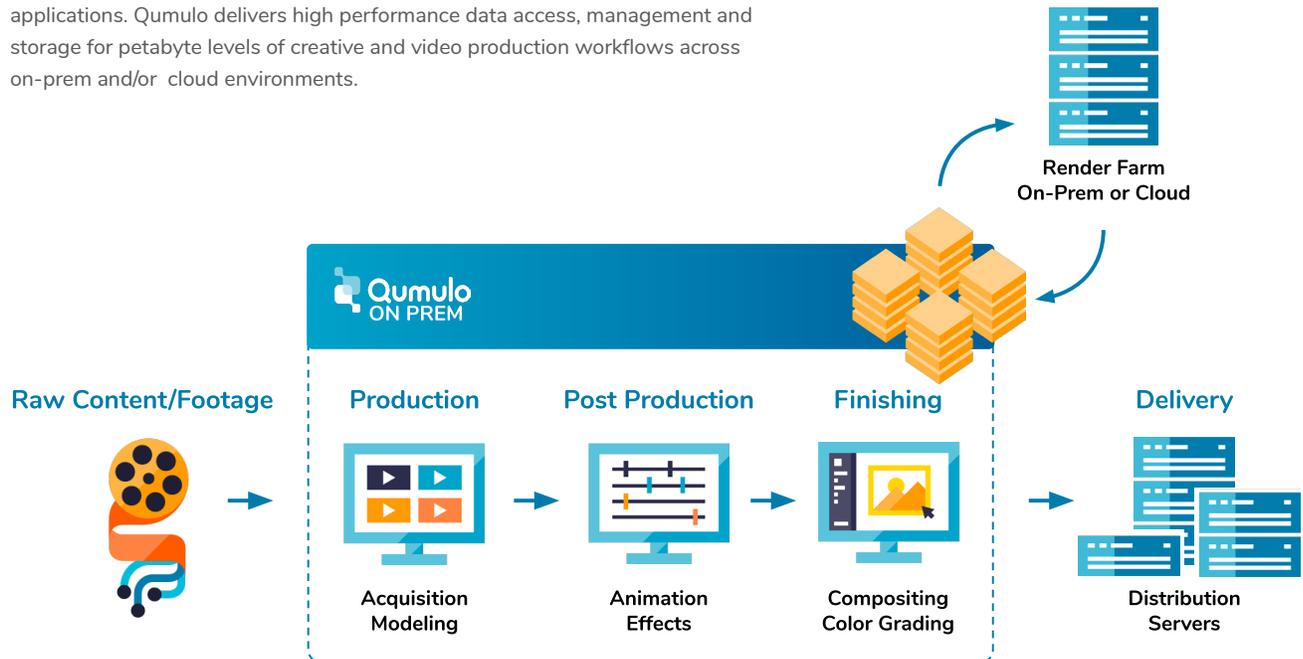
Qumulo high-performance hybrid cloud file storage supports demanding VFX production pipelines with cost-efficiencies to boost creativity

A visual effects (VFX) production pipeline is complex, with many processes and interdependencies that work together to deliver engaging, high-definition visual experiences, on-time and within budget. One of the many challenges is managing the volumes of data required to produce photo-realistic imagery. A single image might be composed of thousands, if not hundreds of thousands, of digital assets; it is often necessary to assemble terabytes of data that must be rendered and/or composited. In addition, many more studios and producers today want feature film-quality VFX on a television production timetable – either distributing content weekly for episodic programming, or with multiple episodes dropping on a single day.

VFX projects will often push any IT infrastructure well beyond what other industries are capable of. Thus, VFX studios need a reliable, high-performance, file system designed to provide visibility and support for billions of files, and easy scalability to enable rapid growth and expansion.

Remove complexities, boost productivity with a modern high-performance file system

Qumulo's hybrid file software and cloud data services used by leading VFX studios, fits perfectly into media environments and integrates seamlessly with existing applications. Qumulo delivers high performance data access, management and storage for petabyte levels of creative and video production workflows across on-prem and/or cloud environments.



Key Benefits

Accelerate performance, collaboration, and productivity

- Reliable high-performance data access and delivery
- Spin up cloud compute power quickly and easily to speed rendering
- Scale across on-prem, private cloud, and public cloud environments
- Simple modular scalability to support petabyte-scale capacity demands
- Integrated enterprise-level data protection and cost efficiencies
- Supports SMB and NFS protocols
- Optimize video editing environments with real-time analytics

Organizations can utilize Qumulo's all-NVMe or hybrid flash-first platforms, which enable flash-first writes and predictive caching to ensure the data you need is always in flash. The platforms' low latency and ultra-fast performance accelerate collaboration, creativity, management, and delivery. Qumulo provides ultra-fast streaming performance and rendering, together with cost-efficient content storage in one solution - no complex tiering is required.

Qumulo enables organizations to quickly and easily burst compute power to other on-prem or cloud environments including Amazon Web Services (AWS), or Google Cloud to create render farms on-demand and enable multi-location production teams to access all the content they need, to more effectively collaborate, and meet project deadlines faster. This flexibility eliminates the barriers and complexities associated with legacy storage, to address today's rapidly changing VFX production pipelines requirements quickly and easily.

Supporting performance and capacity demands with built-in efficiencies to reduce costs

Qumulo provides many built-in efficiencies to eliminate the scaling complexities of the past, in the data center and in cloud environments, reducing operational and administrative costs. The file system's software-defined design provides a simple, highly scalable and efficient storage solution which utilizes clusters of nodes made up of Qumulo hardware, or pre-qualified industry-standard hardware. As project requirements and capacities grow, organizations can simply add nodes to their Qumulo infrastructure to increase both performance and capacity levels, as and when needed, with no downtime.

Qumulo also ensures the most cost effective, fail-proof data protection for petabyte levels of content through the use of erasure coding. Data is protected for the long-term within an active archive so that content is always available to artists, with minimal storage overhead, requiring no extra software or tiering strategies. In addition, Qumulo enables maximum file storage efficiency for both small and large files, and allows 100% usable storage capacity, so organizations can make the most of their investment.

Visibility into data and usage with real-time analytics

Qumulo's file system provides built-in real-time analytics that help optimize visual effects environments by allowing real-time performance monitoring of the entire environment, including workstations, down the individual file level, simplifying the management of production and content regardless of location. Real-time analytics provide administrators with the insights they need to manage issues proactively and to make well-informed planning decisions for the future.

Customer support that will delight you now and into the future

Qumulo's hybrid file software is available through a simple subscription model that covers everything, including upgrades, new features, and support to help make costs transparent. Qumulo's award-winning customer support provides instant access to a dedicated storage expert via communication tools such as Slack, so you will have the support you need right away, so you can keep your creativity flowing.

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, private and public cloud. Qumulo's cloud-native file system delivers an identical experience and capabilities across on-prem, hybrid, cloud, and multicloud environments.

www.qumulo.com.