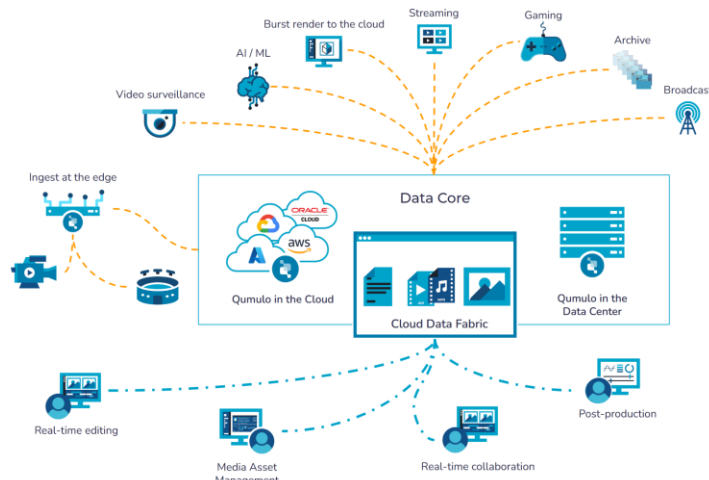


Transforming Media Production and Asset Management with Qumulo

Modern media and entertainment studios face mounting pressure to deliver complex animation, high-resolution effects, smooth game graphics, and 4K/8K video more efficiently and at a lower cost. The Qumulo Cloud Data Platform, powered by Cloud Data Fabric (CDF), connects seamlessly across cloud, core, and edge with a single, globally visible namespace. It accelerates every M&E workflow—from real-time collaboration and burst rendering to post-production editing, asset management, and long-term archiving—turning efficiency into a competitive advantage. Qumulo streamlines production pipelines, enabling workflows to shift between core and cloud in minutes, scale elastically, and support global collaboration without bottlenecks. Cloud Data Fabric enables teams to work in real-time on a shared dataset, with footage from the edge instantly available for editing and live streaming.



Whether on-prem, in the cloud, or at the edge, CDF links any Qumulo endpoint into a fully read-write data portal accessible from anywhere. Its strict consistency instantly propagates changes, removing replication needs and ensuring all users see the latest data.

Purpose-Built for the Media and Entertainment Industry

As data volumes grow and creative teams spread globally, M&E studios are turning to the cloud for scale and performance. They need a solution that moves seamlessly between data center and cloud.

Only Qumulo delivers this flexibility: a cloud-native architecture deployable on AWS, Azure, GCP, or OCI, and Cloud Data Fabric (CDF), which unifies edge, on-prem, and cloud into a single global namespace in minutes. CDF projects media assets wherever they're needed, connecting distributed teams or bursting into cloud compute to hit deadlines—reducing time-to-value from hours or days to minutes.

Qumulo's NeuralCache predicts per-user and per-workflow access needs, prefetching data to deliver sub-millisecond latency for up to 95% of reads—even on remote data. Cloud Native Qumulo (CNQ) scales elastically from <1GBps to 1TBps of throughput in minutes, with pay-as-you-go efficiency.



A Modern File Data Experience

Qumulo Run Anywhere

Unlike legacy storage systems, Qumulo is 100% software-defined, meaning it runs consistently across on-prem, cloud, or hybrid environments—on any x86/ARM server. This lets modern enterprises avoid vendor lock-in, simplify infrastructure, and deploy anywhere while maintaining a single, unified file system.

Any Data, Any Location, Total Control

Qumulo's Cloud Data Fabric removes capacity and distance limits, making any data instantly available to any workload—anywhere—while ensuring sovereignty and security.

Intelligent Performance with NeuralCache

Qumulo NeuralCache uses machine learning to optimize reads and writes, improving performance and drastically reducing cloud I/O costs by up to 99%

Cloud-Native, But Not Cloud-Limited

Qumulo is cloud-native by design, using object storage with real-time file semantics to enable secure, predictable scaling. It eliminates the need for data replication and app rewrites, ensuring cost control and compliance with data sovereignty requirements.

Customer Success

Qumulo zero-latency support enables fast issue resolution through direct access to experienced Customer Success Managers or file system engineers—no tickets required. Qumulo support has earned an NPS score of 95.

Use Cases

Whether your studio is hyperspecialized on a single type of media content production, or you're a multimedia platform that supports multiple formats over multiple distribution channels, the Qumulo Cloud Data Platform was engineered specifically for the M&E workflows that you rely on.

- **Animation / VFX** – CDF provides the capacity and performance your teams need to create high-resolution media content in any format. Whether you're creating 4K/8K, 24-60fps, optimized for home or mobile viewing, Qumulo accelerates animation and VFX content creation, letting you produce visually stunning effects directly from the cloud.
- **Post-Production** – Real-time collaboration among editors, sound designers, and visual-effects artists from anywhere means you can quickly turn out high-quality media content whether you're all in the same room or around the world.
- **Gaming** – Create compelling narratives and engaging graphics to deliver immersive gaming experiences.
- **Rendering** – Simplify and accelerate your rendering process by leveraging cost-effective burst compute in the cloud, using tools like AWS Deadline Cloud to accelerate project timelines to ensure your studio never misses a deadline.
- **Sports and Broadcasting** – Record, ingest, and air high-definition video in real time from anywhere, using the unlimited scale and global reach of the public cloud, combined with Qumulo's dynamic capacity and performance capabilities.
- **Media and Asset Management** – Use the Qumulo Cloud Data Platform to simplify the process of organizing, storing, and distributing your media assets from anywhere in real time.

Why Qumulo

Accelerate timelines with Cloud Data Fabric's strict-consistency model that ensures the latest version of all your data, and with Qumulo NeuralCache, which prefetches data into local cache based on your actual usage patterns, ensuring the data you need is available before you even request it.

Collaborate in real time on shared projects from anywhere in the world, with everyone interacting at all times with the latest content.

Scale capacity to an exabyte and beyond – whether on-premises or in the cloud – to accommodate today's media asset volumes without adding management complexity.

Scale performance elastically to handle variable workloads, including burst rendering to the cloud, without overprovisioning and without complex data orchestration that can lead to long render times and stale media assets.

Measure time-to-value in minutes as you deploy Cloud Native Qumulo in virtually any region on virtually any public cloud platform, and then connect via Cloud Data Fabric to your on-premises media asset libraries.

Control costs by combining Cloud Data Fabric with Azure Native Qumulo Cold or Cloud Native Qumulo Cold to move your old projects to long-term archive storage while still maintaining data visibility from anywhere in your organization.



“Having a global namespace in which people in different locations can work in the same way, whether they're in Vancouver or Southeast Asia or any of the geos we support, that will always be an advantage.”

– Arturo Camacho, Head of Technology
Versatile Media

Conclusion

Qumulo is not just a file system. It is a foundational data platform for the unstructured era—where intelligence, creativity, safety, and science all converge. Whether you're modeling hurricanes, simulating a launch trajectory, training your next-gen AI agent, or producing a global blockbuster, Qumulo helps you manage, secure, and accelerate your most valuable asset: your data. Let's build the future of data on a foundation that's ready for it.

About Qumulo

Qumulo is the leading provider of cloud file data services, providing real-time visibility, massive scale and API control of data across the data center, private, and public clouds. Federal agencies across the U.S. trust Qumulo to solve their most complex and mission-critical data challenges quickly, efficiently and securely.

For more information, visit www.qumulo.com