Accelerate Game Production and Drive Business Efficiencies with Qumulo

The computer and video game industry continues to grow at a rapid pace, as gamers around the world demand higher-quality productions with realistic animation, dazzling visual effects, and immersive experiences. Game development workflows are becoming increasingly complex, and can include editing and processing of billions of files. In many cases, multiple artists and game developers, working both in-studio and remotely, need to collaborate to complete projects faster and meet tight production deadlines.

Game development studios are realizing that cloud-based rendering and compute can be more effective and efficient for complex character rendering and modeling processes, as it reduces the time and cost compared to traditional rendering. These studios are looking to utilize hybrid file software and cloud data services like Qumulo, to help take advantage of the cloud when needed to accelerate production.

Stay On Top of the Leaderboard with Qumulo's Hybrid File Software and Cloud Data Services

Qumulo's hybrid file software and cloud data services fit perfectly into gaming development environments, and integrate seamlessly with existing applications and software development tools, including Perforce, to support today's demanding workflows. Qumulo's file system delivers reliable, high-performance data access to speed creativity and collaboration, as well as robust management, protection, and storage for petabyte levels of content across on-prem, cloud environments, or both. Qumulo's file system is designed to provide support and visibility for billions of large and small files, with easy scalability to enable rapid growth and expansion.

Key Benefits

Accelerate performance and productivity to meet deadlines faster

- Reliable high-performance data access and delivery
- Enable collaboration for artists wherever they are located
- Spin up cloud compute power quickly and easily to speed rendering
- API-first design for simple application integration to automate workflows
- Scale across on-prem, private and public cloud environments
- Simple modular scalability – grow to support petabyte-scale capacities
- Supports both SMB and NFS file protocols
- Built-in enterprise data protection and cost efficiencies
- Improve business efficiencies with real-time analytics

Qumulo

| Story & Art | Modeling | Animation | Lighting | Editing | Rendering |

Computer and video game development studios can utilize Qumulo's all-NVMe or hybrid flash-first platforms, which enable predictive caching to ensure the data you need is always in flash. Low latency and ultra-fast performance accelerate collaboration, creativity, management, and delivery. Qumulo's hybrid file software provides fast data access and powers rendering, together with cost-efficient content storage, in one solution - no complex tiering required.

Multiple Cloud Options Provide Unlimited Flexibility to Meet Deadlines Faster

Leveraging Amazon Web Services (AWS) or Google Cloud, Qumulo enables game development studios to quickly and easily burst compute power to cloud to create render farms on demand to increase production capabilities. In addition, studios can spin up complete cloud production environments, through Qumulo CloudStudio, to enable multi-location production teams to access all the content they need to more effectively collaborate and meet project deadlines. This flexibility eliminates the barriers and complexities of legacy storage, enabling IT administrators to address today's rapidly changing game development workflow requirements quickly and easily.

In addition, to support the requirements of big data analytics, gaming development organizations can utilize Qumulo Shift for Amazon S3. This feature enables organizations to move file data from any Qumulo on-prem or public cloud cluster into Amazon Simple Storage Service (Amazon S3) and transform that data to object in an open and non-proprietary format. Once the data is there, organizations can leverage analytics applications to extract and utilize business intelligence from billions of files to gain intelligence to improve gaming offerings and monetize data.

Visibility Into Data and Usage With Real-Time Analytics

Qumulo's file system provides built-in real-time analytics that help optimize game development environments by allowing real-time performance monitoring of the entire environment. This includes workstations, down to the individual file level, simplifying the management of game production and content regardless of where the data is located. 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 Today 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 make costs transparent. Qumulo's award-winning customer success team provides instant access to a dedicated storage expert via communication tools such as Slack, ensuring you have the support you need right away to keep creativity flowing.

Leveraging Amazon Web Services (AWS) or Google Cloud (GCP), Qumulo enables animation studios to quickly and easily burst compute power to cloud to create render farms on demand, to support rendering and modeling processes. In addition, studios can also spin up complete cloud production environments, or CloudStudio, to 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 of legacy storage that studios needed to manage, enabling them to address today's rapidly changing animation production pipeline requirements quickly and easily.

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.