The file data management platform for storing the world's best content

Pascal Filion, Systems Engineer
Media & Entertainment Specialist
Production is not the same as 10 years ago...

- Faster Pace, Higher Resolutions and Ever-Changing Workflows
- Operation Struggles to Keep Up with Production Demands
- New Remote Collaboration Reality
Worldwide adoption at scale

- 500+ customers around the globe
- 1B files created every day and 200+ billion operations
- 90% of operations take less than 1 millisecond
- 300B files across fleet with 348% CAGR
- 1300 PB managed with 183% CAGR
Superb Customer Experience

Proactive Cloud Monitoring
Mission Q provides secure cloud monitoring of usage to deliver proactive care

Success is Just a Slack Away. 24/7
Real-time support with local CSMs via Slack without needs for ticketing and long waits

Powerful Qommunity
Automatic access to online knowledge base and usage reporting with Trends (beta)

“I don’t think I’ve experienced any other vendor ever taking such good care of me. The Qumulo Care team has been great across the board. Whether it’s a problem and we need help, or we are looking for a deeper conversation about what changes to the product can best suit our needs, Qumulo listens.”
- Paul English, Vaisala
Recognized Industry Leadership

**Award Winning Technology**
- From IDC, GigaOM, Gartner, and more over the last 5 years

**Gartner MQ Industry Leader**
- Gartner MQ upper right THREE years running

**Best Support in the Business**
- 2020 Q4 Net Promoter Score 91, higher than leading brands like Apple
- 8 consecutive quarters of 80+ NPS or higher

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Qumulo Platform
Qumulo Scale

Dynamically and cost-effectively scale capacity and performance to serve PBs of data, billions of files, millions of operations, and thousands of users.

- Linearly scale capacity and performance
- Automatically rebalances data when nodes or instances are added
- Limitless file system capacity within configuration constraints of chosen deployment option
- Support billions and billions of large and small files in a single namespace
- Mixed node compatibility
Qumulo Perform

Enable high-compute workloads and thousands of users actively working across zones and Linux, Mac and Windows protocols.

- Predictive cache that automatically places data on the appropriate media depending on usage patterns
- Flash-first design enables uniformly fast ingestion
- Single cluster performs at over 1 million IOPS, 333GB/s reads and 200GB/s writes
- Burst compute performance to cloud instances
Qumulo Aware

Easily monitor petabytes of data usage and performance including throughput and latency for every file and user across on-prem and on the public cloud with real-time operational (ITOps) analytics.

- Capacity awareness – see how your data is growing and predict capacity trends in real-time
- Performance awareness – Visualize throughput, IOP and latency to different applications and users
- Usage awareness – See and understand the workloads you serve in real-time
Qumulo Shift

Copy data to Amazon S3 with an easy visual interface that lets you tier data to Glacier, collaborate on it globally, or connect with AWS native services.

- Shift data to the cloud without re-factoring applications
- Transform data from file to object
- Cloud backup
- Cloud archive
- Leverage file data with cloud-native applications designed for object data
Qumulo Integrate

Build integrated solutions, automate, and manage data services with APIs for every feature in the Qumulo file data platform and an easy-to-use dashboard.

- Create, manage, and tear down data services and programmatically retrieve all information with REST calls.
- Invoke file system operations with the REST API
- Store them externally in a database or send them to another application such as Splunk or Tableau.
- Wide range of commands to customize and automate.
Qumulo Protect

Simple data protection to meet company requirements for disaster recovery, backup, and user management without the added cost or complexity of third party applications.

- Erasure coding
- Snapshots
- Snapshot replication
- Continuous replication
- Failover for simple disaster recovery
- Cloud volume snapshot to S3
Qumulo Secure

Automatically protects data from external threats, integrates with corporate IT security systems, and tracks usage by internal users.

- AES 256-bit software encryption at rest
- SMBv3 in-flight encryption from Windows or Mac host to Qumulo
- Secure FTP traffic on TCP networks leveraging Transport Layer Security (TLS)
- Track user activity within the filesystem with Audit logging
- Designate different levels of user and group privileges leveraging Role Based Access Control (RBAC)
Media & Entertainment
Qumulo benefits for M&E

Capture, collaborate, edit and distribute content globally

- Simple scalability to grow to petabyte-scale capacities
- Efficiently stores BOTH large and small files
- Small files, for corporate data, project data, pipeline repositories or metadata
- Large files for 4K, 8K and 16K content
- Simplify asset management and reduce costs with real-time analytics
- Cloud-native file data platform delivers multiple cloud options
- Burst rendering to the cloud
- Enhance collaboration on-prem or in the cloud
- Powerful open API to integrate with leading production management systems
- Built-in enterprise-level data security and protection for valuable assets
- Award winning Qumulo Customer Success support you can count on
Qumulo works great with

- 3DS MAX
- Blender
- Cinema 4D
- Maya
- After Effects
- DaVinci Resolve
- Flame
- Nuke
- Final Cut Pro
- Media Composer*
- Premiere
- Pro Tools
Studio Q- Powering M&E Workflows in the Cloud

Create a studio in the cloud, on demand:
Easily spin up editorial or post production environments on AWS

Unlock cloud-based mezzanine-level editing:
Enables creative teams to leverage the Adobe Creative Cloud editorial suite to complete their entire production in the cloud.

Adobe Creative Cloud applications:
Function with the same power and performance as physical workstation on-premises.

Deliver fast and seamless collaboration:
Full frame-rate playback, and real-time editing of high-resolution 4K video footage, even with multiple editors working with multiple timelines.
Hybrid Cloud Production Workflow

Raw Content/Footage → Production → Post Production → Finishing

- Acquisition Modeling
- Animation Effects
- Compositing Color Grading

Qumulo File Data Platform
Render Farm On-Prem or Cloud

Qumulo Shift
Amazon S3
M&E customer examples
Simplicity that delivers value.

- Faster time to results
- Lower operational cost
- Freedom of choice
- Superb customer experience
Thank You