



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

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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



10 Years of innovation

Freedom & Choice

Software Innovation

2015
GA Launch
QC24,40,208

- Data Awareness
- SMBv2
- NFSv3
- REST API

2016
Hewlett Packard
Enterprise

- Snapshots
- Erasure Coding
- Capacity Trends
- Quotas

aws

2017

- Server Q on HPE
- Cloud Q on AWS
- Replication
- FTP
- 50 node clusters

nvm
EXPRESS

2018

Google Cloud

- All-NVMe
- Server Q HPE Gen10
- Cluster-at-a-glance dashboard
- Cloud Q for GCP
- 100 node cluster support



(HYBRID)
nvm
EXPRESS

2019

- Active Archive
- Cross protocol permissions
- Audit
- RBAC
- SMBv3
- Snapshot
- Replication

FUJITSU

2020

- NVMe-disk hybrid
- Fujitsu
- Qumulo SHIFT
- At-rest-encryption
- Instant Upgrades
- Dynamic scale
- MMC Support
- Python 3 API
- Cloud Q for AWS:
 - 20+ new options
 - AWS Sidecar
 - AWS Outpost
 - AWS GovCloud




AWS
Outposts

2021

Microsoft
Azure

- Studio Q
- QaaS in Azure
- Mixed Node Compatibility
- NSFv4
- Shift Back
- ...and more coming soon!

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



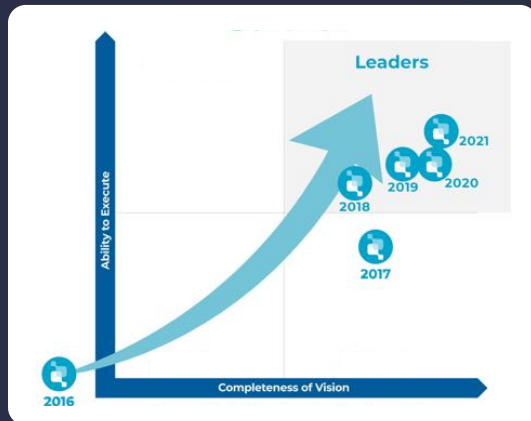
Award Winning Technology

- From IDC, GigaOM, Gartner, and more over the last 5 years



Gartner MQ Industry Leader

- Gartner MQ upper right THREE years running



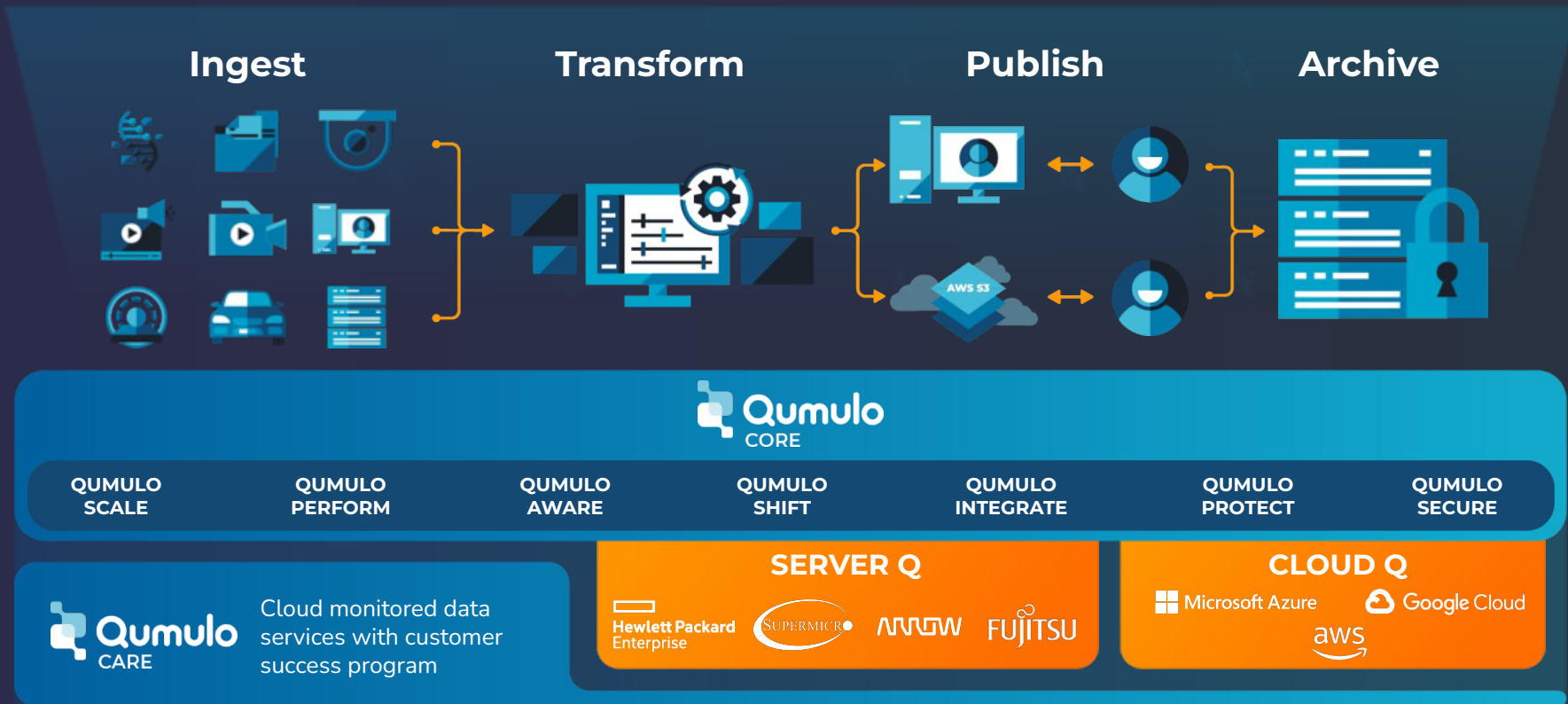
Best Support in the Business

- 2020 Q4 Net Promoter Score 91, higher than leading brands like Apple
- 8 consecutive quarters of 80+ NPS or higher



Qumulo Platform

Unified File Data Management 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

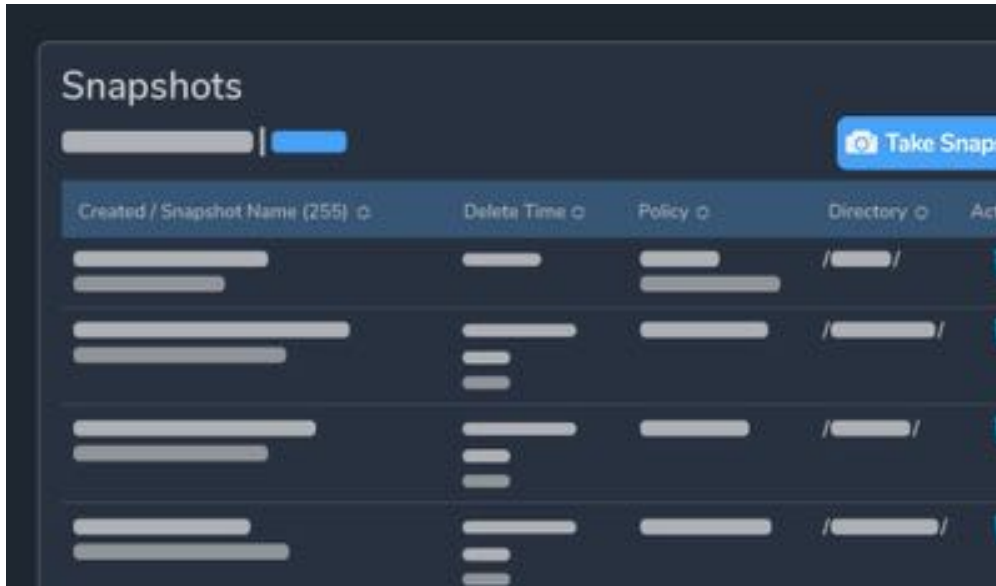
Build integrated solutions, automate, and manage data services with APIs for every feature in the Qumulo file data platform and an easy-to-use dashboard.



- 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.

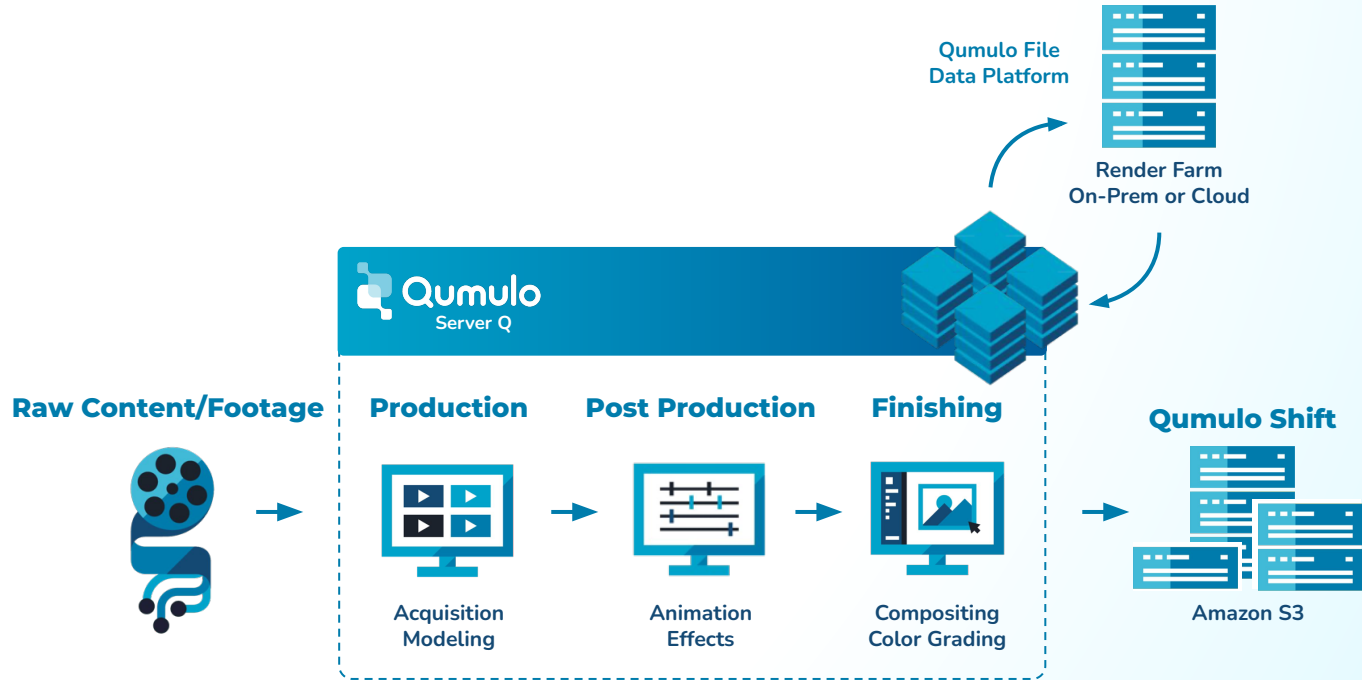
Adobe Creative Cloud applications:

Function with the same power and performance as physical workstation on-premises.

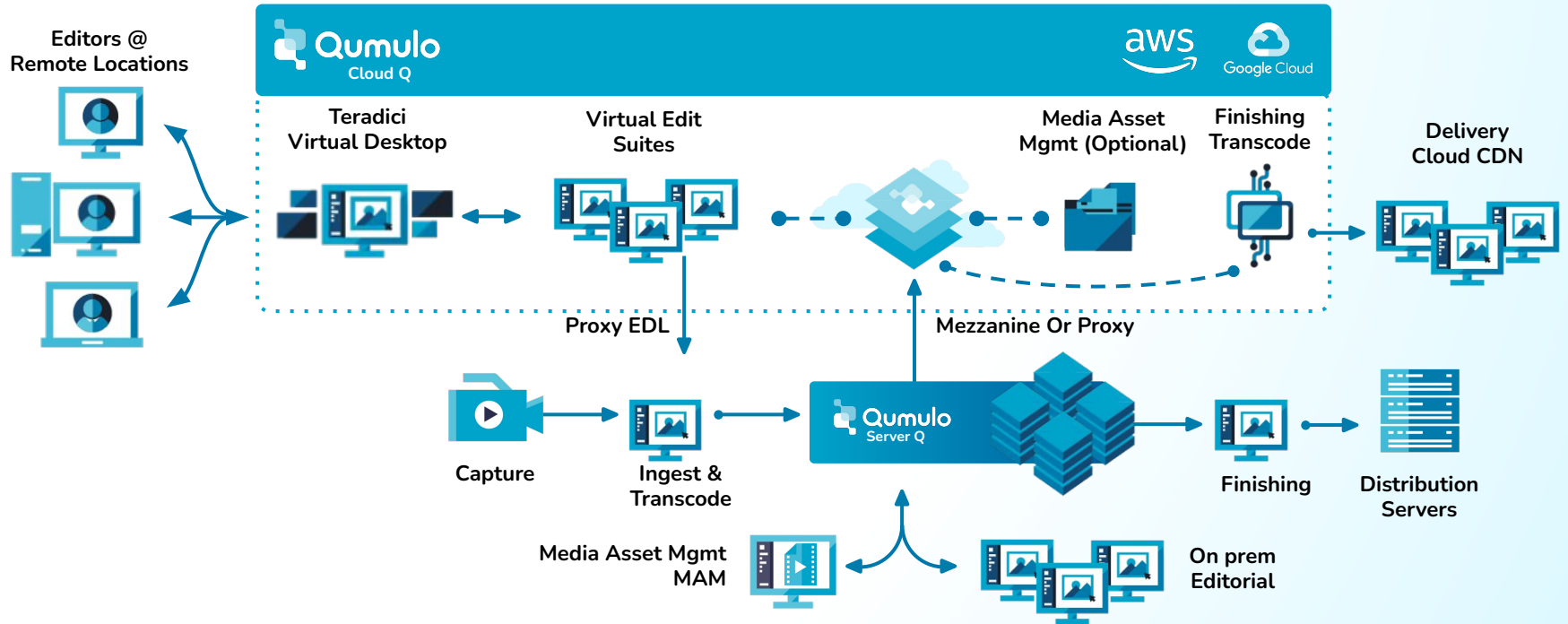
Deliver fast and seamless collaboration:

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



Hybrid Cloud Editorial Workflow



M&E customer examples



Simplicity that delivers value.

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



Thank You