



**Hewlett Packard**  
Enterprise



**Qumulo**

# The simplest way to manage petabytes of unstructured data in any environment

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**Empowering customers to store,  
manage, and curate their data  
anywhere and forever**

# Proven in every industry

Media & Communications	Healthcare	Life Sciences	Video Surveillance	Higher Education	Technology	Energy & Resources	Financial Services	Manufacturing
       	     	     	    	       	   	     	    	    

# Managing Data: There is a better way

## Legacy Problems



**Complex manual processes**

**API first approach to enable automation**

**Data blindness**

**Instantly know what's happening with your data, no treewalks**

**Poor customer support**

**Zero-latency support with real-time, proactive monitoring**

**No path to cloud**

**Supported on all clouds with a unified experience anywhere**

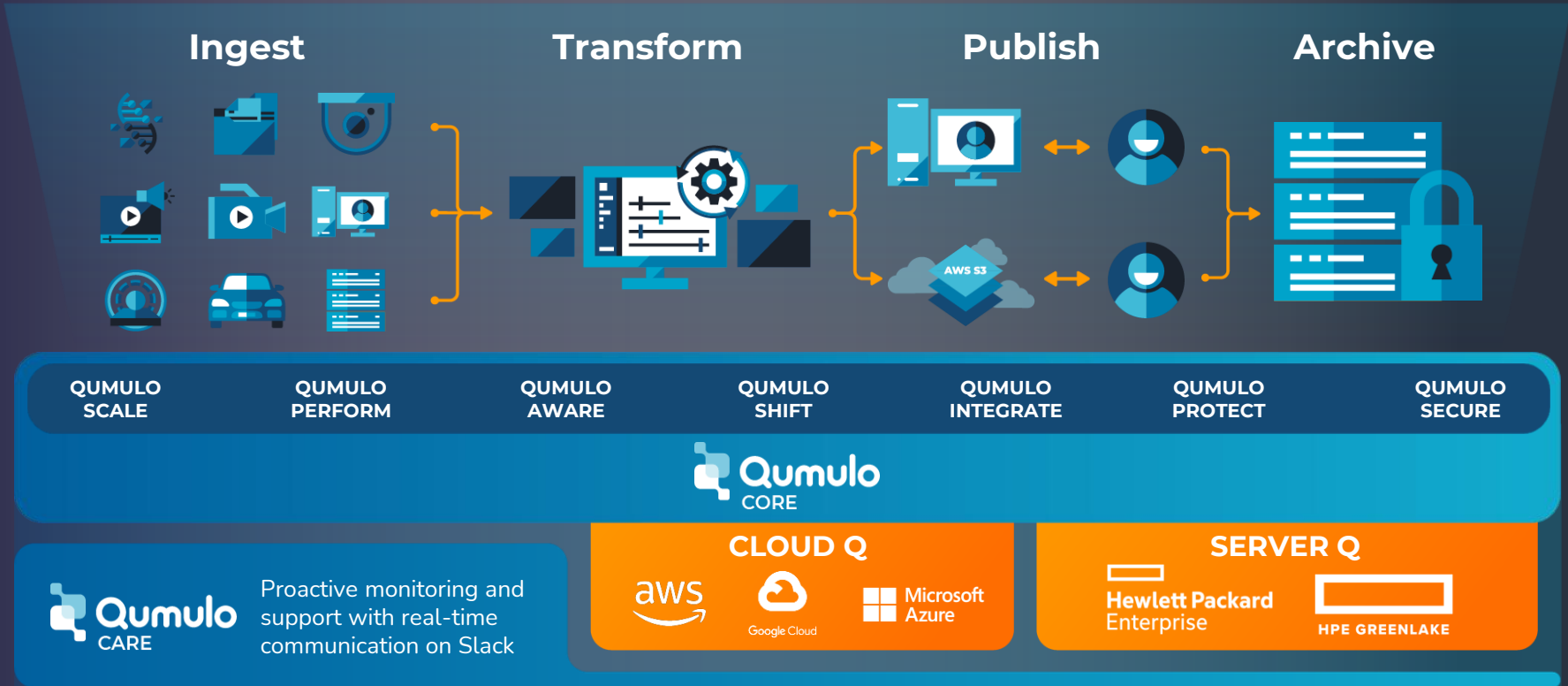
**Only one platform to choose**

**Choose from many platforms and use the latest innovations**

**Fixed storage types**

**All-flash, hybrid, and now S3 for speed AND economy**

# Manage the full lifecycle with HPE and Qumulo



# What Qumulo delivers

**Unlimited scale:** Hundreds of nodes, billions of files, and exabytes of capacity within a single namespace

**Performance:** Accelerate workloads with intelligent caching with ML prefetch

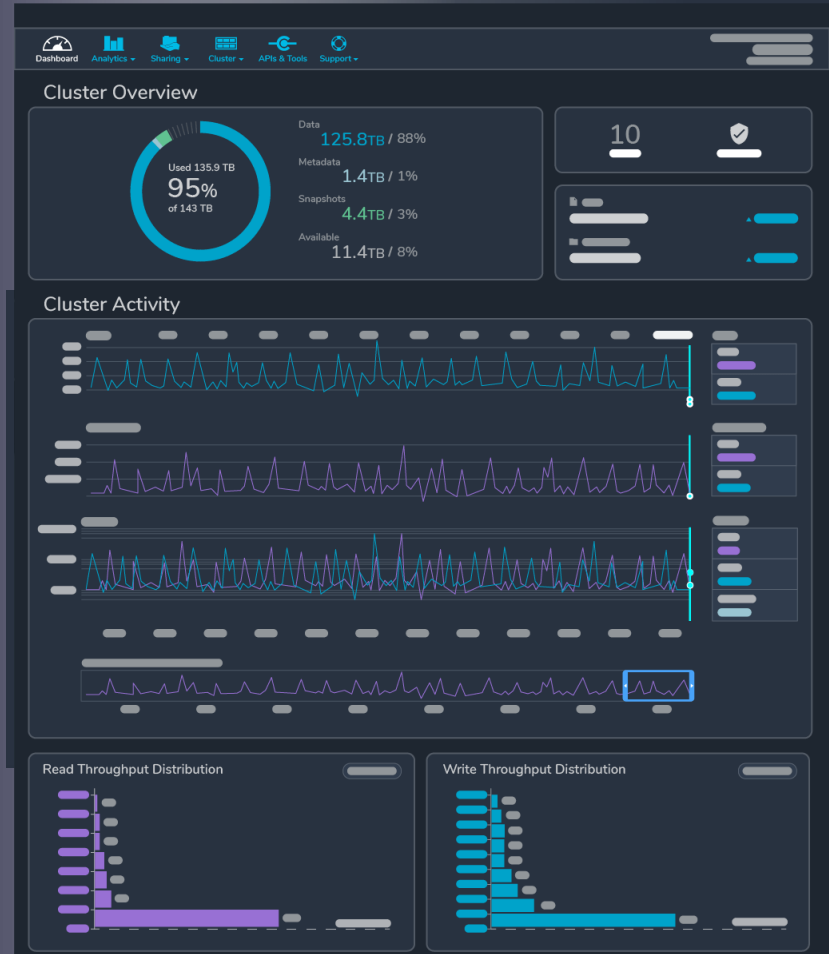
**Visibility:** View real-time analytics from a single pane of glass for more predictable capacity planning

**Security:** Automatic multi-tenant ready security with encryption and support for authentication across multiple protocols

**Integration:** Automate workflows and integrate with any system using rich REST APIs

**Protection:** Minimize downtime with DR services, replication, and snapshots with near-zero RPO

**Mobility:** Move data between on-prem and cloud in near real time without refactoring applications



# Use Cases

# Trends impacting video surveillance

**18EB**

Daily total video capture will grow by 6.8% CAGR to 18EB in 2025\*

**80%**

of organizations deploy advanced and hi- res cameras\*



## High resolution cameras

- A single 4K camera can generate 250GB/day
- 80% increase in cameras installed from 2016 to 2021\*\*



## New uses for video

- Video analytics against the most recent data is increasingly common
- Data visibility and tagging is an increasing need to find data easily

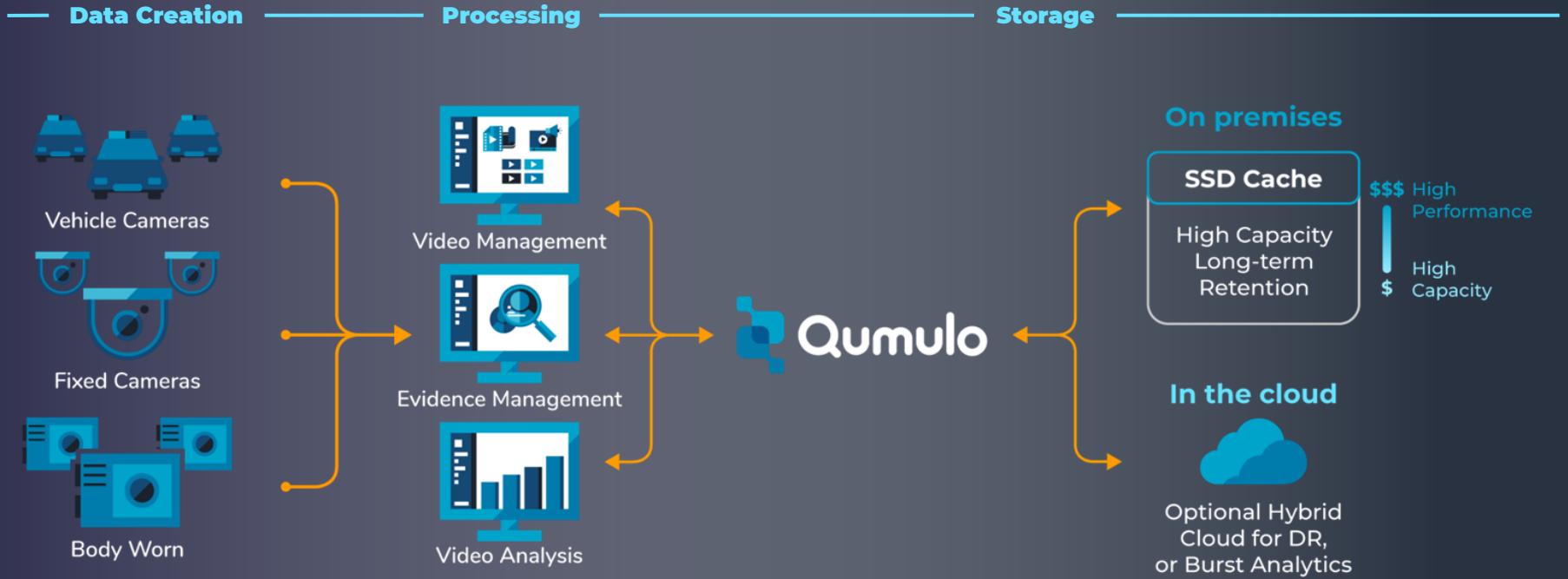


## Cloud and retention

- Cloud use for DR and analytics is growing
- Retention periods can vary widely from a few days to over a year



# Simplified video surveillance and security workflow



# AI and Factory of the Future

## EV Battery Manufacturer

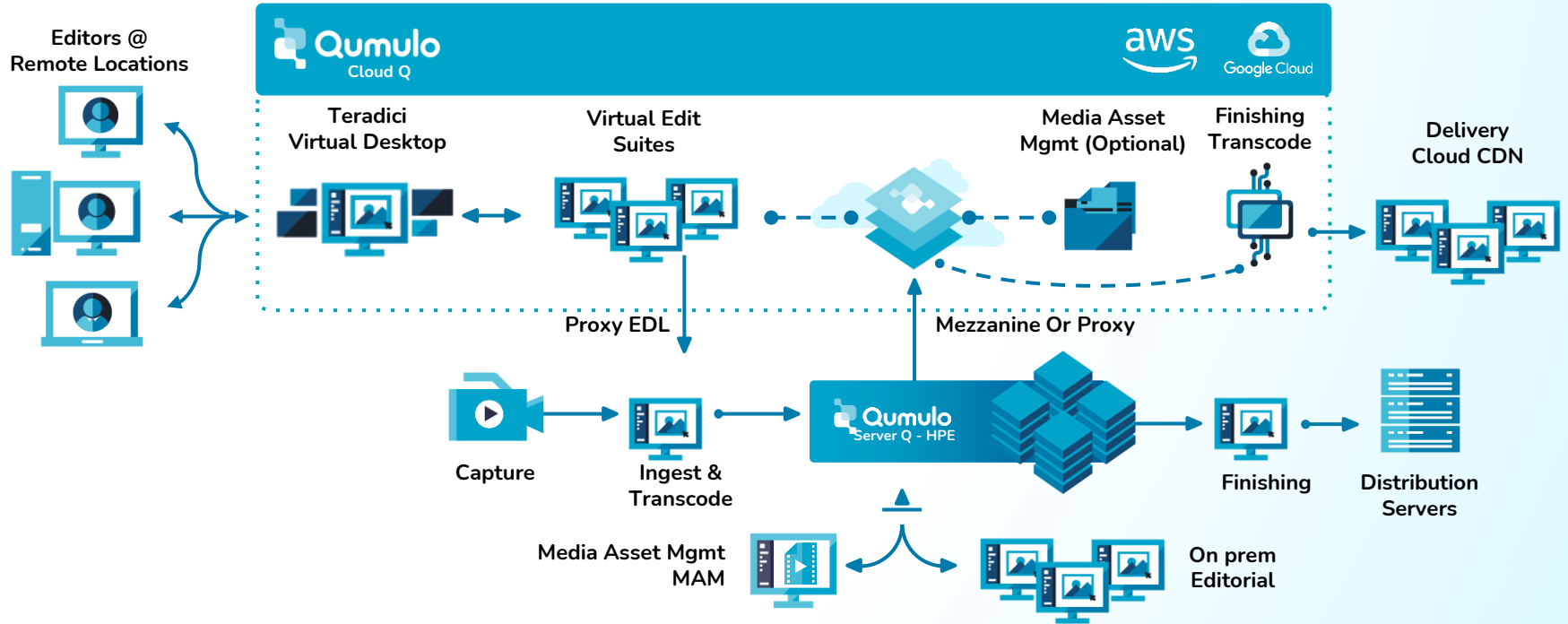
### Take photos during each phase of assembly process

Many governments requires proof of manufacturing quality for 10+ years.  
4K pictures of each phase of the assembly process.

### Compare that part against all other parts using Machine Learning



# M&E Hybrid Cloud Editorial Workflow



# Qumulo works great with



3ds max



Blender



Cinema 4D



Maya



After Effects



DaVinci Resolve



Flame



Nuke



Final Cut Pro



Media Composer\*



Premiere



Pro Tools

# Creating visual effects faster

When blockbuster production deadlines loom

“Our team has been able to sustain burst scaling at a rate of 1.3 million IOPS for upwards of 5 hours at a time, with peaks as high as 2 million. This is a level unheard of in the past, and it highlights how much Qumulo has helped us to condense our production timelines.”

**Graham Peddie**  
Chief Operating Officer

## CINE SITE

### Solution

- On Premise Cluster
- Qumulo Cloud on AWS

### Films

- Avengers
- Halo
- X-Men

### Applications

- Autodesk Maya and Flame
- Adobe Premiere and After Effects

### Locations

- Vancouver, London, Munich

# Thank you for selecting us

The world best  
infrastructure



The world best  
File system



Source : Gartner  
Distributed File & Object Storage (2022)



# Thank You