Qumulo and HPE for Video Surveillance

Qumulo simplifies the storage environment for video surveillance data, providing organizations with performance supporting ingest of data from hundreds to thousands of surveillance devices with the economics of archive storage. Qumulo allows massive linear scalability to grow performance and capacity, with no downtime. With Qumulo, video assets are protected with integrated erasure coding and snapshots. No third party products or complex tiering strategies are need to protect videos or to store them cost effectively.

HPE Solutions with Qumulo are available on industry leading hybrid-flash and all-flash data storage servers across multiple sites and multiple clouds, with configurations proven to meet customer needs. HPE, with its broad and flexible portfolio of compute, storage, and network solutions, can help with all requests wherever customers would like to deploy a surveillance environment. HPE GreenLake managed services offer services that monitor, operate, and optimize infrastructure and applications. Video surveillance solutions require a dedicated, stable network with guaranteed bandwidth, and servers to run software and analytics.
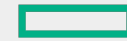
A Modern Video Surveillance Solution

Qumulo integrates seamlessly with leading VMS providers to deliver a robust video surveillance solution that meets the demands of today's, and tomorrow's, workflows.

As video surveillance data is ingested, VMS writes the data to Qumulo which stores it in an environment that is fully protected from failures and data loss. Video assets are readily available for playback and distribution.

Qumulo assures the most cost effective, fail-proof data protection for small and large files using erasure coding. With Qumulo, data is protected with minimal storage overhead and without the need for introducing tiering or 3rd party applications. As content resolutions increase and data retention requirements grow longer, Qumulo scales incrementally to grow capacity as needed, using lower-cost commodity hardware without downtime.

Qumulo for Video Surveillance is easy to deploy and easy to manage, and also includes Qumulo's cloud-based analytics to provide administrators with real-time insight into the performance capacity and usage, to more intelligently plan for future data growth.
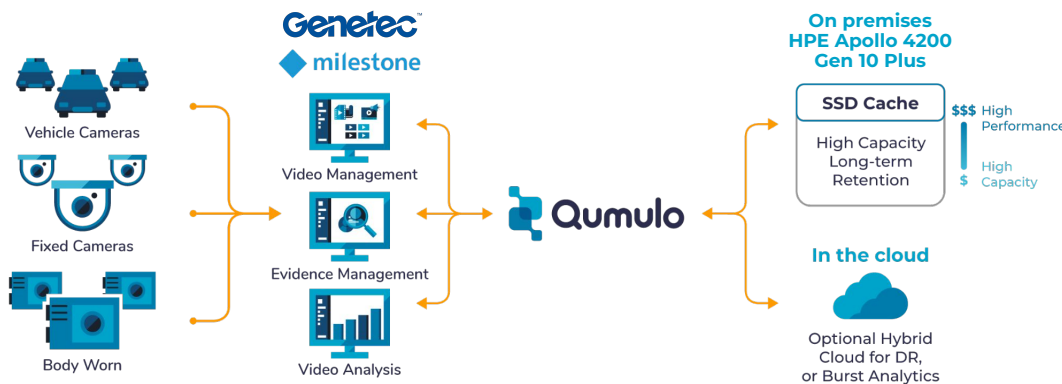
Hewlett Packard Enterprise

Solution Benefits

- Achieve efficiency with the hybrid-NVMe HPE Apollo 4200 Gen 10 Plus and performance with all-flash Alletra 4110

- High performance for hundreds or thousands of surveillance devices

- Cost-effective, fail-proof data protection and retention management for billions of small and large files

- Integrated with Milestone, Genetec, and Mirasys

- Simple connectivity through IP Ethernet instead of SAN-based infrastructure

- Support future growth needs to hybrid cloud environments

Qumulo and HPE Video Surveillance Workflow Diagram

About Qumulo

Qumulo is the radically simple way to manage petabyte-scale data anywhere – edge, core or cloud – on the platform of your choice. In a world with trillions of files and objects comprising 100+ Zettabytes worldwide, companies need a solution that combines the ability to run anywhere with simplicity. This is precisely what Qumulo was founded to accomplish.