Qumulo

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Qumulo unifies and simplifies the storage environment for video surveillance data; providing organizations with the required performance to support the ingest of data from hundreds to thousands of surveillance devices with the economics of archive storage.

Qumulo allows massive linear scalability to incrementally 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.

Milestone Systems is a global leader in providing open platform, IP video surveillance software. Milestone has easy-to-use, powerful video management software, used in more than 100,000 installations worldwide. Milestone XProtect is an open architecture video management system (VMS) compatible with more IP cameras, encoders and digital video recorders than any other manufacturer.

Qumulo and Milestone Deliver a Modern Video Surveillance Solution

Qumulo integrates seamlessly with Milestone Systems XProtect® to deliver a robust video surveillance solution that meets the demands of today's, and tomorrow's, workflows.

As video surveillance data is ingested, XProtect® 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 to Milestone XProtect® clients for playback and distribution.

Qumulo assures the most cost effective, fail-proof data protection for small and large files with the use of erasure coding. Unlike legacy systems, with Qumulo, data is protected with minimal storage overhead and without the need for introducing tiering or 3rd party applications. As video content resolutions have increased, and data retention requirements have grown longer than in the past, Qumulo provides linear scalability to allow organizations to incrementally grow capacity as needed, using lower-cost commodity hardware without downtime.
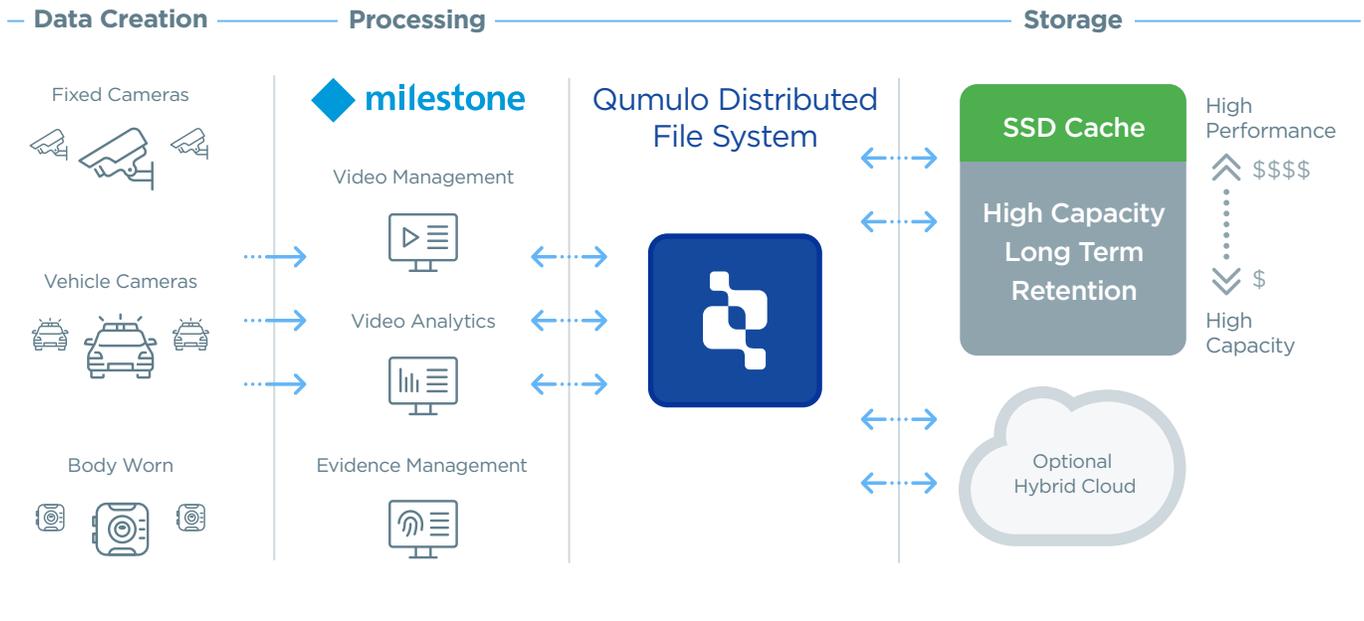
Qumulo file storage solution with Milestone is easy to deploy and easy to manage, and also includes Qumulo's cloud-based analytics to provide XProtect® administrators with real-time insight into the performance capacity and usage, to more intelligently plan for future data growth.

Solution Benefits

- **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**

- **Direct access to all files with Milestone XProtect®**

- **Linear scalability to incrementally support higher storage capacity and performance**

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

- **Real-time data analytics makes managing the storage system fast and easy**

- **Support future growth needs to hybrid cloud environments**

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Qumulo and Milestone XProtect® Video Surveillance Workflow Diagram

Data Creation ——— Processing ——————————————— Storage

Fixed Cameras

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Qumulo Distributed File System

Video Management

SSD Cache

High Performance

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Vehicle Cameras

Video Analytics

High Capacity Long Term Retention

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High Capacity

Body Worn

Evidence Management

Optional Hybrid Cloud

High Performance Ingest - Simple Ethernet Connectivity - Future Proof Scalability - Archive Economics

A Modern Solution to Meet Today and Tomorrow's Demands

All industries experiencing growth at a massive scale, including government, education, transportation, healthcare, and gaming, that utilize thousands of video surveillance devices can benefit from this modern, easily scalable file storage solution.

About Milestone

Milestone Systems is a leading provider of open platform video management software; technology that helps the world see how to ensure safety, protect assets and increase business efficiency. Milestone enables an open platform community that drives collaboration and innovation in the development and use of network video technology, with reliable and scalable solutions that are proven in more than 150,000 sites worldwide. Founded in 1998, Milestone is a stand-alone company in the Canon Group.

About Qumulo

Qumulo, Inc. provides data-intensive businesses a future-proof, self-healing solution to store, manage and access petabytes of surveillance data locally or in the cloud. Qumulo serves the modern storage needs of today's rapidly evolving markets.

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