



Qumulo with Genetec™ Security Center Create a Unified Video Surveillance and Security Platform

As the need for security continues to grow worldwide, so does the amount of video and security content created by millions of security devices used by private and public organizations. This is driving a massive increase in storage capacity requirements, which traditional storage solutions cannot handle without exponential increases in budgets.

Genetec Security Center combined with Qumulo's distributed file storage system provides an innovative, end-to-end solution that meets the needs of video surveillance and security environments for cost-efficient data management.

A High-Performance, Scalable Video Surveillance and Security Solution

Qumulo's file storage is certified with Genetec Security Center, a unified IP-video surveillance, access control and security system, to provide a complete solution for the modern video surveillance workflow. Genetec users can now utilize Qumulo to provide a highly scalable storage solution designed for performance and cost-effective long-term retention, with fast unified data accessibility, and real-time analytics, provided by Qumulo, to help organizations simplify data management and anticipate future capacity requirements.

Qumulo also helps organizations leverage the cloud for file storage. Whether the cloud is an integral part of the video surveillance environment today for applications and analytics, or a future endeavor, Qumulo is the trusted hybrid cloud file storage provider to utilize.

Simple Scalability to Accommodate Future Growth

Qumulo allows Genetec users to simplify their storage architecture through Ethernet-only based workflows, eliminating the need for direct-attach or SAN-based storage completely. As video assets continue to grow, performance and capacity can be added seamlessly to existing Qumulo on-premises infrastructures, allowing for growth without system disruption or downtime. Cloud-based capacity can also be added quickly, for example during the investigation of an incident where file deletions are temporarily put on hold.

Solution Benefits

- **Massively scalable infrastructure for growing storage capacity and performance**
- **Cost-effective data protection and retention management for billions of small and large files**
- **Unified file system allows direct access to all files with Genetec Security Center**
- **Simple connectivity through IP Ethernet instead of SAN-based infrastructure**
- **Single platform allows future growth to hybrid cloud environments**
- **Supports hundreds or thousands of video surveillance and security devices**
- **Superior real-time analytics to monitor usage and capacity trends – down to individual cameras – to proactively plan for future growth**

CERTIFIED SOLUTION



Cost-efficient, Secure Data Protection

Through the use of erasure coding, Qumulo provides the highest levels of data protection for small and large files, without significant capacity overheads needed as with data replication. In addition, Genetec users gain additional cost savings, as they are able to fully utilize all the capacity that they have purchased. Qumulo's systems can use 100 percent of the capacity provided, unlike traditional file system solutions that reserve 15-20 percent of each system's capacity for system administrative tasks. This enables Genetec Security Center video surveillance users to more cost-effectively meet the demand for longer data retention requirements, without fear of data loss.

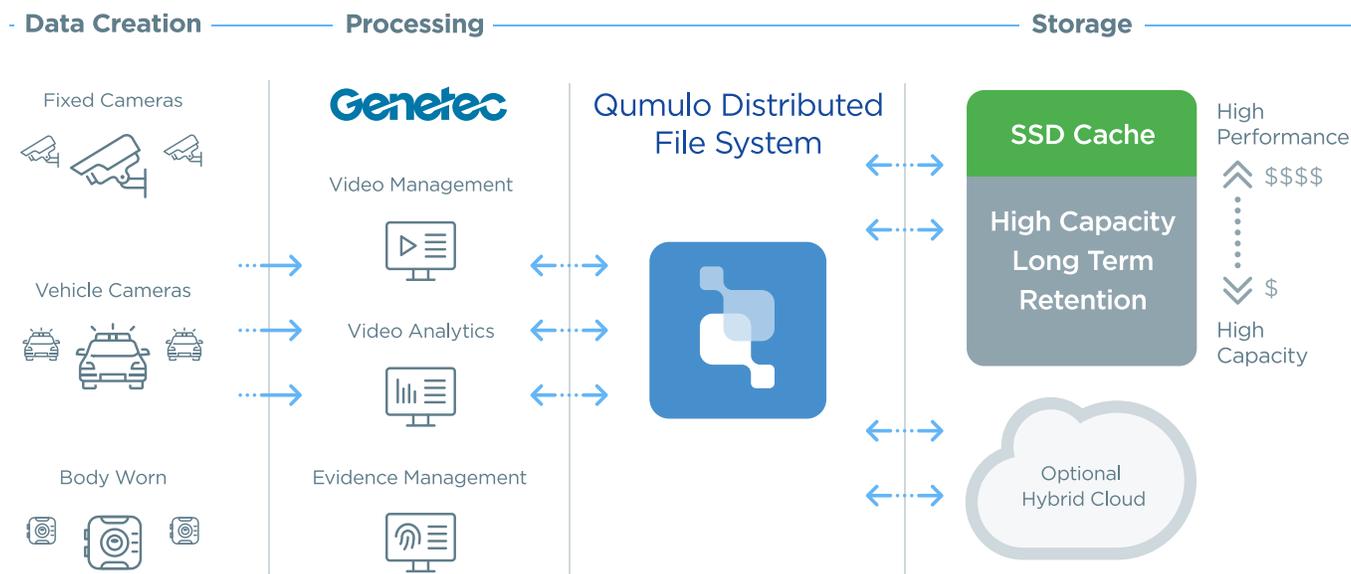
Real-time Analytics for Data Aware Intelligence

Qumulo provides superior analytic tools, allowing Genetec administrators to identify capacity trends and adjust plans to fit real-time requirements, as they evolve. With Qumulo analytics, administrators can view usage trends and capacity bottlenecks, down to an individual camera, to indicate how much storage is being consumed. Analyzing these trends over time will allow an organization to plan for capacity growth or make adjustments to their retention schemes.

Scalable Performance and Capacity with the Economics of Archive Storage

Qumulo file storage combined with Genetec delivers a complete solution for organizations considering a modern video surveillance solution, including local and national governments, law enforcement, stadiums, transportation, prisons, gaming, utility companies, higher education and healthcare.

Qumulo and Genetec™ Security Center Video Surveillance Workflow Diagram



High Performance Ingest - Simple Ethernet Connectivity - Unlimited Scalability - Archive Economics

About Qumulo

Qumulo is the leader in hybrid cloud file storage, provides data-intensive organizations, real-time visibility, scale and control to store, manage and access petabytes of surveillance data on-premises or in the cloud. Qumulo serves the modern storage needs of today's rapidly evolving markets. For more information about Qumulo, visit: www.qumulo.com

