

Qumulo for Genetec™ Security Center



Qumulo with Genetec™ Security Center Creates 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 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 use 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 use.

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 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.

Cost-efficient, Secure Data Protection

With 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 additional cost savings, as they fully use all capacity that they have purchased. Qumulo's systems can use 100% of the capacity provided, unlike traditional file system solutions that reserve 15-20% of each system's capacity for system administrative tasks. This enables Genetec Security Center video surveillance users to cost-effectively meet the demand for longer data retention requirements, without fear of data loss.

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

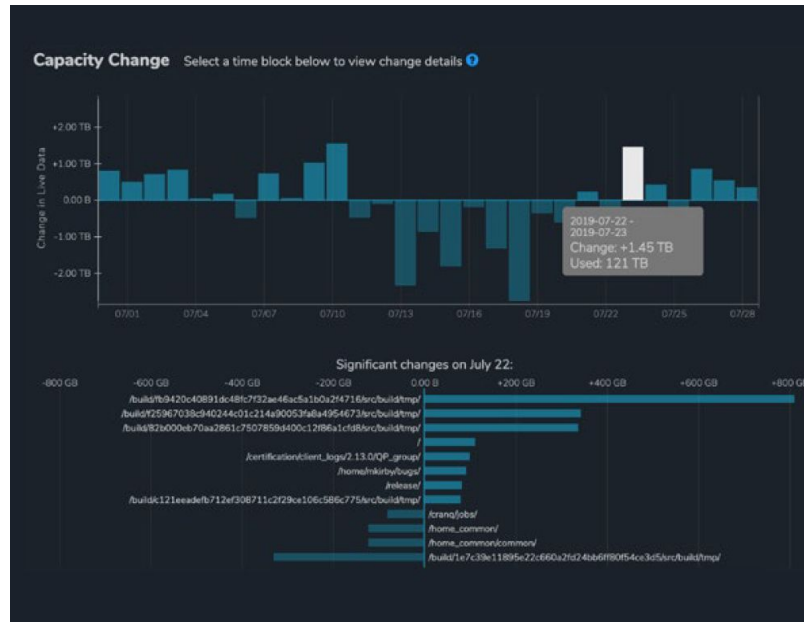


Real-time Analytics for Data Aware Intelligence

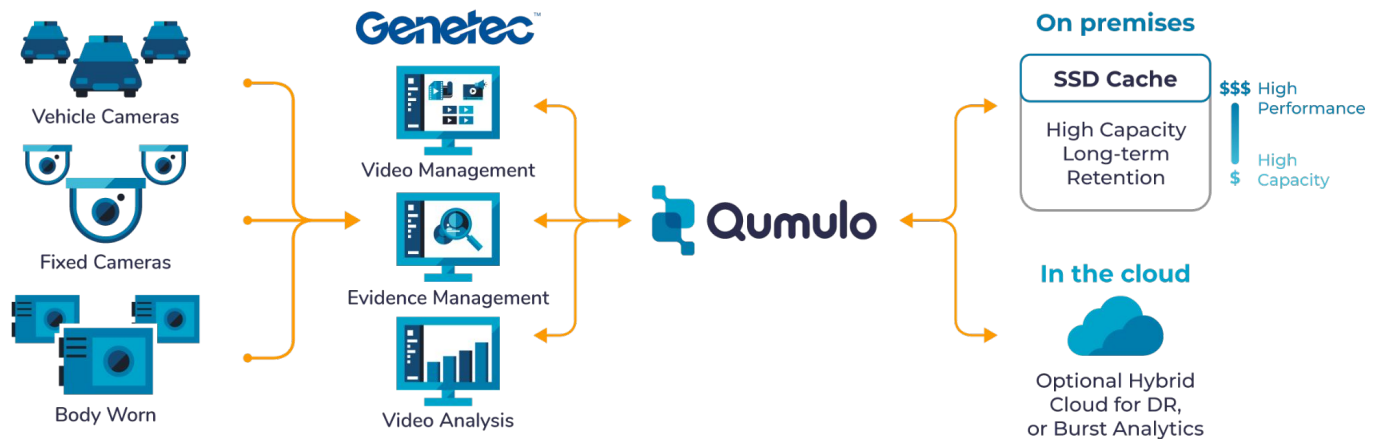
Qumulo provides best-in-class analytic tools, allowing Genetec administrators to identify capacity trends and adjust plans to fit real-time requirements. With Qumulo analytics, administrators can view usage trends and capacity bottlenecks, down to an individual camera, to indicate how much storage is used. Analyzing these trends over time enables planning for capacity growth or making adjustments to retention schemes.

Scalable Performance and Capacity with the Economics of Archive Storage

Qumulo 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



About Genetec

at Genetec our mission is to be recognized as a leader in intelligent and innovative networked physical security products, services, and solutions by delivering outstanding value and quality to our customers thereby earning their respect and loyalty. We also strive to be a company that is a great place to work and grow, and that excels in all areas of operations.

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.

