Quantum®

INTELLIGENT PHYSICAL SECURITY PLATFORM

A Secure, Scalable, and Resilient Physical Security Infrastructure Based on Genetec and Quantum

In today's increasingly complex and digital world, it is important for security and IT teams to have a unified physical security infrastructure that will address both today's and tomorrow's needs and do it with the lowest cost of ownership possible. Video Management Software (VMS) platforms and the infrastructure they run on provide the foundation for your unified physical security infrastructure. As such, this foundation must be flexible, scalable, resilient, and easy to manage so that security directors can leverage the latest cutting-edge technologies to provide the highest levels of security, positive client engagement, and deliver new business insights. By running Genetec's unified security platform on Quantum's unified server and storage infrastructure you have a physical security infrastructure that reduces risks and lowers total cost of ownership.

Resilient, Scalable Unified Infrastructure for Genetec Unified Security

Quantum's VS-HCI Series provides the ideal platform for running Genetec Security Center, including Omnicast™ VMS and the other integrated Security Center applications. The VS-HCI Series is a modular, scalable server and storage system capable of running multiple archivers or applications per node and providing a dynamically scalable pool of shared storage available to all applications, eliminating the complexity of managing and maintaining separate NVRs, servers, and external storage systems.

The VS-HCI Series is hyperconverged infrastructure, a leading approach for IT infrastructure in data centers, but optimized for video workloads, so you get all the benefits

WHY GENETEC & QUANTUM

Genetec and Quantum both deliver a unified approach to physical security and together give you the flexibility, resilience, and scalability your mission-critical enterprise environment requires.

KEY FEATURES

Elevates security and surveillance operations beyond basic video recording.

Prevents video loss, image degradation, downtime, and data loss, while controlling infrastructure costs.

Eliminates uncertainty resulting from siloed applications and infrastructure.

SOLUTION

Genetec Security Center is a unified security platform that blends multiple IP security systems within a single intuitive interface.

VS-HCI Series provides a server, storage, and networking in a simple to deploy and manage modular architecture that delivers resilience, scalability, and better economics.

Cost-effective archiving for long-term video retention through Quantum StorNext® File System, ActiveScale™ Object Storage and Scalar® Tape Libraries.
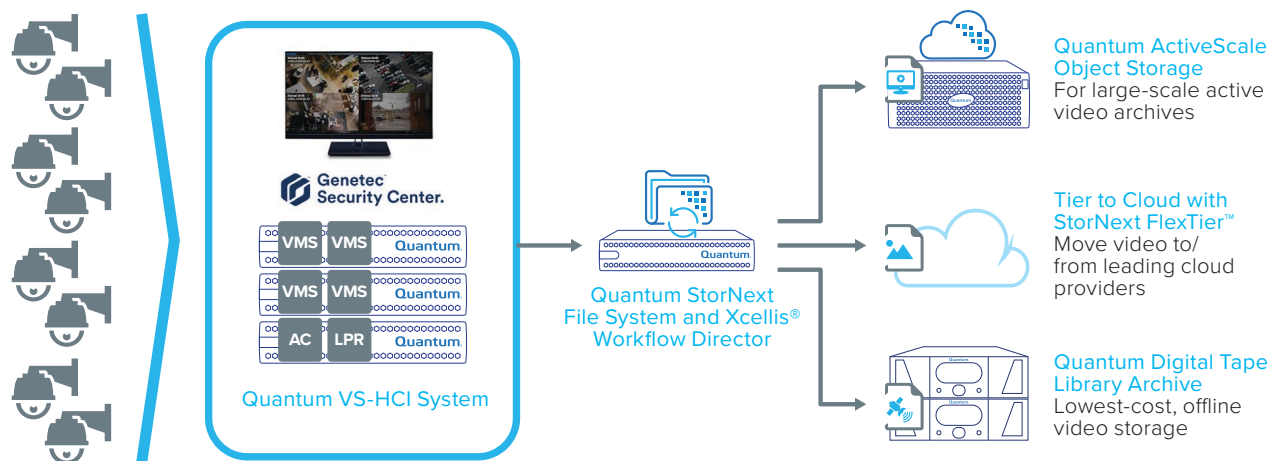
BUSINESS BENEFITS

Improved security effectiveness

Reduced risks and liabilities

Lower total cost of ownership (TCO)

of a simple to deploy and scale enterprise grade IT infrastructure, with the guarantee of no dropped frames or degraded video. With the VS-HCI Series unrivaled resilience and fault tolerance, you are assured that the system will be online 24x7 and you will never lose access to video or the ability to analyze video.

Enabling Omnicast to Store More with Less Spend

The Quantum StorNext File System allows Omnicast to automatically migrate video data that has aged, yet needs to be retained, to the lowest-cost tier of storage versus keeping it on the more expensive primary storage it resides on after initial capture and analysis. Users set up policies within StorNext that automatically migrate the data with zero impact to their normal workflows. StorNext also efficiently accesses video data off the lower-cost, archive tier as needed.
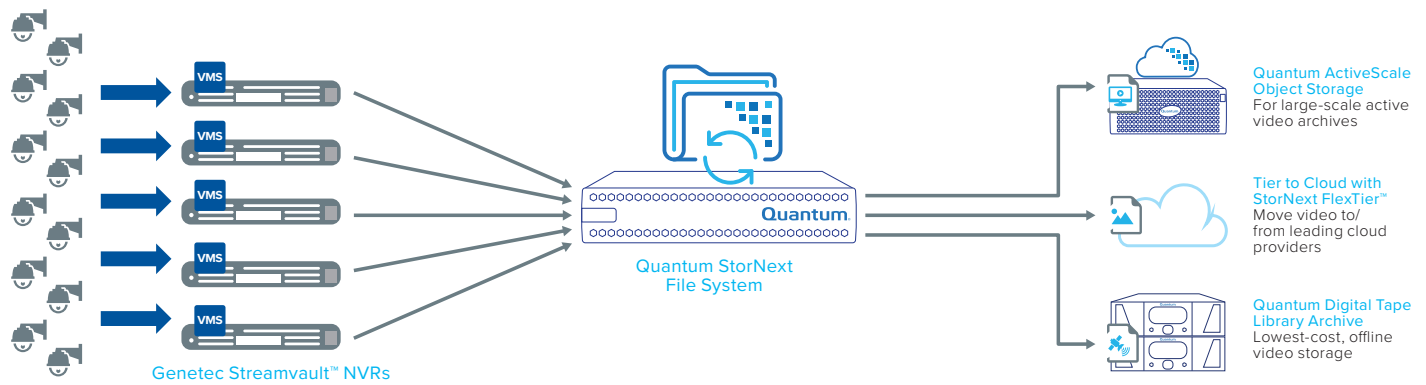

Resilient, Scalable Server and Storage Infrastructure that Runs Multiple Omnicast Archives and Security Center applications and Stores Captured and Analyzed Video

Optionally - Automatically Tier Video to Lower-Cost Archive Storage Systems

Durable, Secure Long-Term Retention for Genetec Omnicast

To help security teams using Omnicast more cost-effectively and securely retain video for longer periods of time, Quantum has two solutions designed specifically for this requirement.

- Quantum ActiveScale Object Storage provides a new, innovative approach to creating a simple, 'always-on' video repository that scales when and how you need it to—with the extreme data durability, accessibility, and security required of petabyte-scale growth.

- Quantum Scalar Tape Libraries provide the most cost-effective, secure storage option that requires very little power to store video data for long periods and is a crucial component in the fight against cyber threats. Both these storage solutions provide significantly lower price solutions than primary storage systems for retaining video for long periods of time.

Quantum Solution Automatically Tiers Video from Multiple NVRs to Lower-Cost Archive Storage Systems

Unified Management Delivers More Efficient Security

With Genetec, organizations can move away from independent systems and take advantage of a unified view of all their security information. With consolidated monitoring, reporting, and a map-centric approach to security management, Genetec Security Center allows operators to become more efficient, make better decisions, and respond to incidents more rapidly. With a variety of modular applications, security and IT teams can build a system that matches their unique requirements. Beyond core access control, video surveillance, ALPR systems, and communications management, Security Center supports a variety of advanced features and plugins that allow organizations to address the evolving landscape of risks and threats. The Genetec platform allows organizations to take advantage of the most innovative possibilities for uninterrupted system access, data protection, and privacy. Engineered with human safety and critical asset protection in mind, the platform is engineered to provide continuous access and limit system interruptions, all while offering enhanced, IT-based security that prevents unauthorized access to sensitive data.

Validated Solution Reduces Risk and Speeds Deployment

As Technology Alliance Partners, Genetec and Quantum collaborate to validate the Genetec platform on Quantum storage solutions, such as the VS-HCI Series, ensuring that customers can deploy the joint solution with confidence based on known results, tested and proven configurations and a commitment to collaborative customer support. Genetec is installed on Quantum infrastructure in leading transit systems, airports, universities, gaming and hospitality complexes, and safe/smart cities.

About Genetec

Genetec Inc. is an innovative technology company with a broad solutions portfolio that encompasses security, intelligence, and operations. The company's flagship product, Security Center, is an open-architecture platform that unifies IP-based video surveillance, access control, automatic license plate recognition (ALPR), communications, and analytics. Genetec also develops cloud-based solutions and services designed to improve security, and contribute new levels of operational intelligence for governments, enterprises, transport, and the communities in which we live. Founded in 1997, and headquartered in Montréal, Canada, Genetec serves its global customers via an extensive network of resellers, integrators, certified channel partners, and consultants in over 80 countries.

About Quantum

Quantum technology, software, and services provide the solutions that today's organizations need to make video and other unstructured data smarter — so their data works for them and not the other way around. With over 40 years of innovation, Quantum's end-to-end platform is uniquely equipped to orchestrate, protect, and enrich data across its lifecycle, providing enhanced intelligence and actionable insights. Leading organizations in cloud services, entertainment, government, research, education, transportation, and enterprise IT trust Quantum to bring their data to life, because data makes life better, safer, and smarter. Quantum is listed on Nasdaq (QMCO) and the Russell 2000® Index. For more information visit www.quantum.com.

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