SOLUTIONS FOR MISSION-CRITICAL VIDEO SURVEILLANCE ENVIRONMENTS WITH MILESTONE AND QUANTUM

Security and video surveillance professionals face tough challenges, such as more cameras being deployed, upgrading to higher camera resolutions, video uses extending beyond security purposes, longer retention time requirements, new threats, and faster incident response times. These challenges create an influx of video data and complexity in both managing video and the infrastructure that supports it, which requires proven, innovative solutions.

Milestone and Quantum have proven, validated solutions that effectively manage the ever-increasing requirements of today's mission-critical surveillance environments. Quantum's storage solutions, optimized for mission-critical video and unstructured data, work with Milestone's XProtect video management software to deliver solutions that address a range of needs from initial video capture and storage to analysis and enrichment of the video data, to long term archiving and retention.

A Scalable, Unified Server and Storage Platform for XProtect

Quantum's VS-HCI Series provides the ideal platform for both running Milestone XProtect VMS software and storing the video data that is ingested. This eliminates the complexity of managing and maintaining separate NVRs or servers and an external storage system. The VS-HCI Series is hyperconverged infrastructure, the leading approach for IT infrastructure in data centers, but optimized for video workloads, so you get all the benefits of a simply 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.

The Challenges
- Exponential growth in video surveillance and analysis along with longer retention times increases costs.
- Losing access to video or interruptions to video capture can be catastrophic to security organizations.
- Changes in threats and advancements in security technologies require flexibility and scalability.
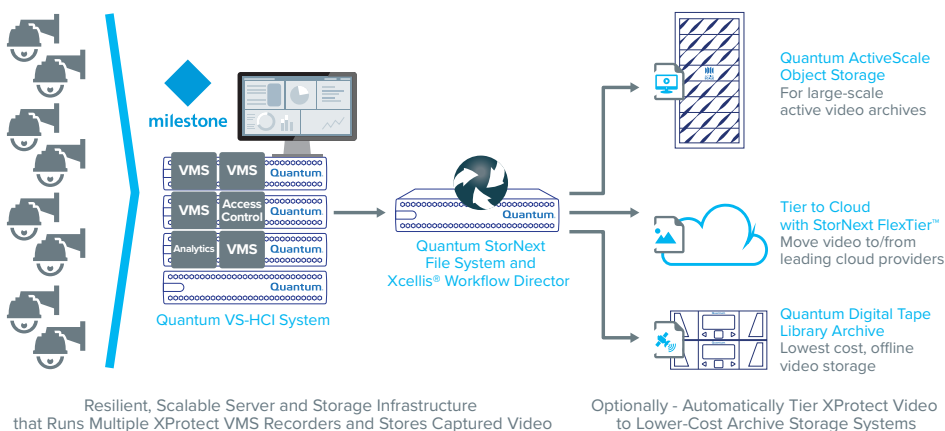
The Solution
- Best-of-breed VMS, video storage, protection, archive, and management.
- Software-based intelligence and automation combined with industry-standard hardware.
- Industry leaders, each with decades capturing, protecting, and enriching video data for safety and security.

The Benefits
- Constant, reliable surveillance all day, every day.
- A solution designed to solve your exact needs.
- Capture more, store more, spend less.

About Milestone
Milestone Systems is a global leader within open platform video management software. More than 3,000 hardware and software partners can integrate their video solutions in Milestone's open platform for security and beyond security purposes in cities, schools, hospitals, and many other institutions. Visit www.milestonesys.com for more.

Quantum ActiveScale Object Storage
For large-scale active video archives

Tier to Cloud with StorNext FlexTier™
Move video to/from leading cloud providers

Quantum Digital Tape Library Archive
Lowest cost, offline video storage

Quantum VS-HCI System

Quantum StorNext File System and Xcellis® Workflow Director

Resilient, Scalable Server and Storage Infrastructure that Runs Multiple XProtect VMS Recorders and Stores Captured Video

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

FOR MORE INFO: www.quantum.com | 800-677-6268 • www.milestonesys.com

Store More and Spend Less with Automated Tiering

The Quantum StorNext® File System allows XProtect users to automatically migrate their video data to the lowest-cost storage with zero impact to their workflow. XProtect uses Quantum's extensive StorNext APIs to establish policies so that, as video ages, it is automatically moved to a lower-cost secondary tier of storage to be accessed as need. The StorNext File System also enables XProtect to efficiently locate and retrieve desired files residing on the secondary storage tier(s).

Durable, Secure Long-Term Retention on XProtect

To help security teams using XProtect 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.

Best-in-Class Video Management Software Products

Milestone offers the market's widest portfolio of open IP VMS solutions spanning from easy-to-use small, single-server solutions to fully scalable advanced solutions for high-security surveillance and alarm centers. All products in the XProtect portfolio are designed based on the same powerful open architecture, which makes the XProtect products compatible with more IP cameras and video encoders than any other VMS manufacturers. Each of the XProtect VMS products has been optimized to meet the specific needs in the different market segments in terms of ease of use and deployment, scalability, functionality level and integrated third-party applications.

Proven Capabilities for the Future of Video Surveillance

Quantum and Milestone are long standing Technology Alliance Partners and have designed, deployed, and supported their technologies together in demanding video surveillance installations of all sizes all over the world. Quantum tests and validates its video surveillance solutions with Milestone software to produce sizing guides and deployment best practices to ensure successful sizing and deployment at customer sites. Quantum solutions for video surveillance are Milestone Validated Solutions under the Milestone Technology Partner (MTP) Certification program, giving system integrators, consultants, and end-user organizations the confidence that the underlying infrastructure will support the current and future needs of the organization 24x7 without ever dropping a frame or losing access to critical video.
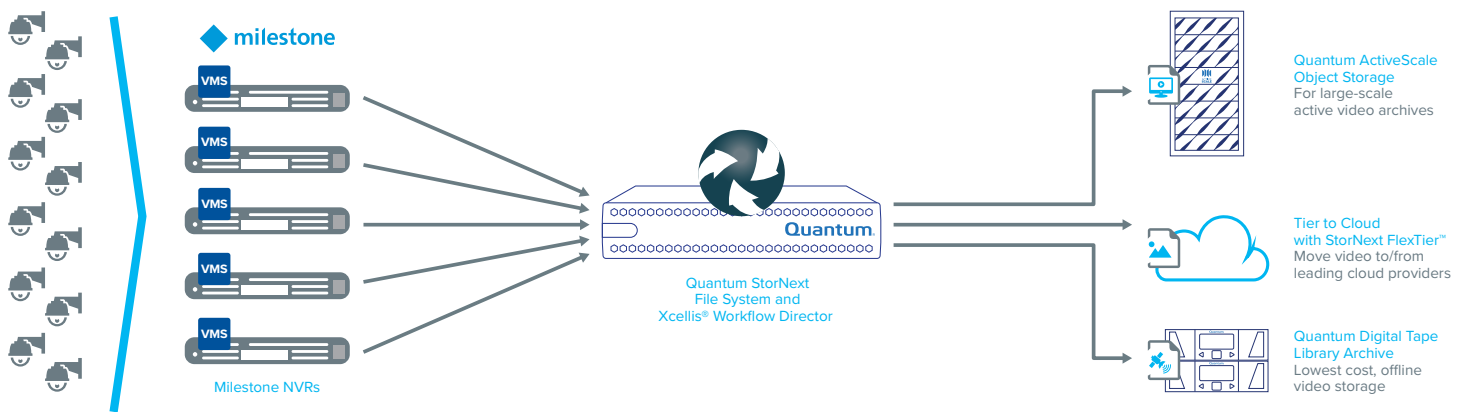
Quantum Solution Automatically Tiers XProtect Video from Multiple NVRs to Lower-Cost Archive Storage Systems

Quantum.