Milestone and NetApp Deliver Superior Enterprise Surveillance Solutions

Key Benefits

Leading the Way
Milestone Systems is the world's leading provider of open platform IP video management software (VMS). Its XProtect VMS is used by more than 100,000 customers worldwide.

Open Platform Flexibility
Milestone XProtect VMS is based on a true open platform, allowing ease of use, flexibility, and endless integration possibilities.

Flexible and Efficient Systems with Dense, Scalable Storage Modules
Dependable high-performance bandwidth provided by high-density modular storage blocks allows for flexibility, seamless expandability and large scalability.

The Challenge
From on-body police cameras to 24/7 monitoring of major transportation hubs, video has become a strategic source of information, insights, and intelligence. Major cities throughout the world are mounting video surveillance cameras to monitor and control streets, subways, mass transit, parks, and other public places. These new intelligent video surveillance cameras and analytical applications are capturing more evidence than ever, causing an increase in bandwidth requirements, write speeds, and storage capacities. This worldwide massive surveillance adoption has also generated a demand for enterprise-class, easy-to-use, and highly integrated video management solutions.

The Evolution of IP Video Management Solutions
During the past ten years, video surveillance systems have emerged from being just a security measure used by major corporations and financial institutions into an integral part of major current systems. Customers are considering video surveillance not only from a security perspective but also from a business perspective.

Current world conditions demand an increased need for tougher security measures. This means new requirements such as full integration between different security systems, including video surveillance, access control, fire alarm, and others. Milestone's XProtect open platform IP video surveillance management software makes it possible to centrally manage an unlimited number of networked cameras, store captured video digitally for easy retrieval, and export the content for evidence. The open platform also allows third-party applications to be integrated and embedded directly into XProtect VMS software and be managed from a single entity.

The Solution
NetApp and Milestone deliver reliable video surveillance
A unique capability of Milestone Systems XProtect IP video surveillance management software is its ability through scheduling to enable a storage area network to accomplish dual-stage archiving. This is an important capability from a performance, reliability, and cost perspective. With NetApp® E-Series, customers are able to scale incrementally as demands require.

Historically, dual-stage archiving enabled customers to record primary "day one" storage on faster, more reliable (and generally more expensive) hard drives and then schedule daily transfers of the recorded video to the E-Series hard drives for long-term storage.

Both NetApp and Milestone offer a complete line of products designed to meet today's security challenges. NetApp E-Series storage delivers unprecedented capacity, speed, and durability. The E-Series storage system uses a modular architecture that offers a true pay-as-you-grow solution to address new small, medium, or big surveillance implementations. Both NetApp and Milestone give the customer the ability to start
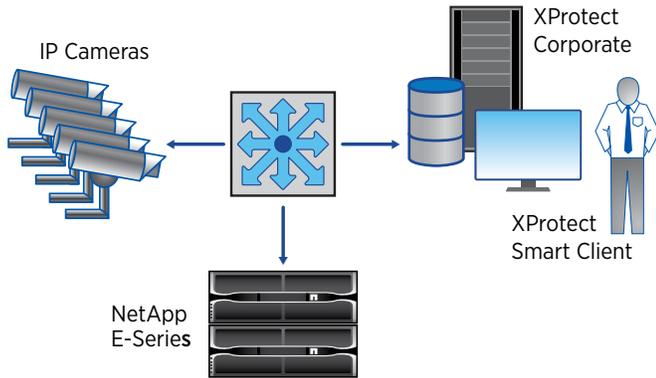
Figure 1) Milestone and NetApp joint solution provides superior performance.

small and grow big in a very efficient manner. In addition, from a performance perspective, Milestone's XProtect combined with E-Series storage handles the heavy computational workloads and bandwidth-sensitive streaming environments of next-generation video surveillance infrastructures, including high-definition and megapixel environments. With them you get:

- Consistent high-performance bandwidth for media-intensive video-streaming environments
- Performance-tuned solutions that deliver high-availability access for media content needs
- The capability to leverage your investment in video cameras and networks and maintain productivity with high-availability storage
- World-class flexibility and scalability

The joint NetApp and Milestone solution offers superior storage and software to meet the advances in next-generation video and analytic surveillance technology. It also allows customers to highly integrate their surveillance solution with third-party hardware and software such as access control, cameras, and video analytics.

Why Choose Milestone and NetApp?

- **Video surveillance partnership.** Milestone and NetApp have worked together on performance testing and joint customer deployments.
- **Extensive global support.** Milestone and NetApp offer on-site production installation assistance and 24/7 support.
- **Ongoing technological cooperation.** Milestone and NetApp technical teams provide certification of our joint solution.
- **Coordinated integration process.** Milestone and NetApp Professional Services teams coordinate on-site storage installation and project management at the outset of each project.

About Milestone

Founded in 1998, Milestone Systems is the global industry leader in open platform IP video management software, according to IMS Research.

The XProtect platform delivers powerful surveillance that is easy to manage, reliable and proven in thousands of customer installations around the world. With support for the widest choice in network hardware and integration with other systems, XProtect provides best-in-class solutions to video enable organizations— managing risks, protecting people and assets, optimizing processes and reducing costs. Milestone software is sold through authorized and certified partners. For more information, visit www.milestonesys.com.

About NetApp

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future.
www.netapp.com