QStar Video Surveillance Reusable Active Archive with Milestone XProtect®

QStar Technologies and Milestone Systems have teamed up to offer a Total XProtect® System with Reusable Active Archive

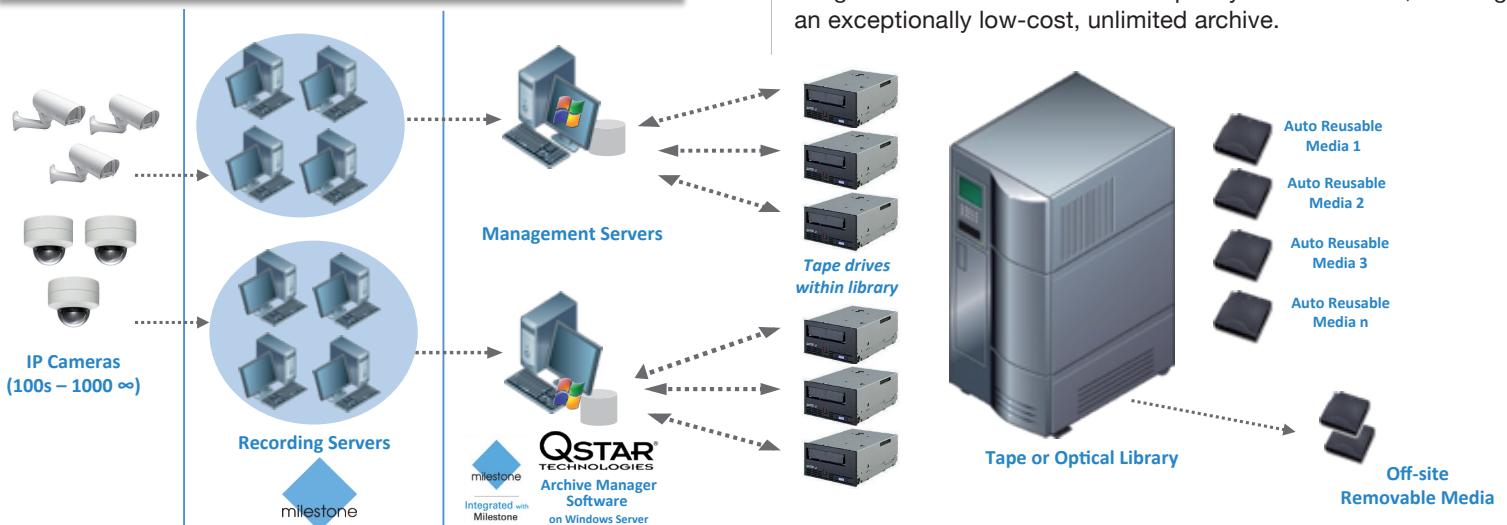## Video Surveillance Archiving: The Challenge

According to recent research, the video surveillance market is expected to triple over the next 5 years, with global storage requirements reaching more than 3.3 exabytes (3,300 petabytes). There are three factors driving this growth; the significant increase in the number of cameras deployed worldwide; the increased use of higher resolution cameras; and data retention requirements.

As hard disk technology increases its capacity, so does digital video recorder (DVR) technology, however, an increasing number of installations require even larger capacities for data archive. Video surveillance archiving creates a unique set of requirements; some organizations require large quantities of data to be retained for relatively short periods of time such as a few weeks or months, while others are required to retain video for longer periods, years or decades. During the retention period, the video should be stored in a tamperproof format which guarantees the authenticity of the data. At the end of the retention period, the video archive should be automatically over-written, to free up and reuse valuable storage space.

Benefits

- Low Total Cost of Ownership
  - Continuous reusable archive capacity
  - Use of lower cost removable storage
  - Use of lower power consumption technology

- Ultra scalable from tens, hundreds or thousands of cameras

- Robust Retention Management Feature

QStar Video Surveillance Active Archive with Milestone XProtect®
(available for single server, single site or multi-server, multi-site)

Video Surveillance Archiving: The Solution

QStar Technologies, archiving software solutions experts since 1987 and Milestone Systems, the leading global developer of open platform IP video management software for managing IP network based video surveillance, have designed several flexible active archive solutions using tape or other low-cost removable storage. These solutions meet the specific requirements for video surveillance archiving and allow customers to drastically reduce their total cost of ownership.

QStar Archive Manager software is easily installed on a Windows based server, with global on-site support, creating a flexible archive where data is securely stored but capacity is automatically re-claimed when additional space is required.

Archive Manager interfaces directly with Milestone XProtect® supporting a variety of disk and/or tape capacities, designed to provide the correct amount of performance archive from disk and secure archive from tape for each environment. Disk and tape can be located at the same site or for disaster protection reasons situated at different sites, even hundreds of miles away. Additionally, tape media can be exported and stored off-site for increased disaster protection and longer-term retention periods.

Solutions can be designed for environments with tens, hundreds or thousands of cameras, where the quality of video is high and retention periods are long. Milestone XProtect® and QStar Archive Manager software can be scaled through the use of multiple recording and management servers.

The solutions provide robust retention management to secure images for months or years and then automatically purge the images so that valuable archive capacity can be reused, creating an exceptionally low-cost, unlimited archive.

IP Cameras
(100s – 1000 ∞)

Recording Servers

Management Servers

Archive Manager Software on Windows Server

Integrated with Milestone

Tape drives within library

Tape or Optical Library

Auto Reusable Media 1

Auto Reusable Media 2

Auto Reusable Media 3

Auto Reusable Media n

Off-site Removable Media