Solving **Law Enforcement** Data Challenges

Rising Volume of Data From Body Cameras

Body-worn cameras (BWC) used by law enforcement generate rich media that can be retained up to 5 years. As agencies increasingly deploy BWCs, they encounter a significant obstacle: the high cost, complexity and compliance of storing video surveillance footage. As a result, there is an immanent need to have a viable and cost-effective application that allows data storage, backup and recovery, and data management.

Rising Costs of Data Management

A recent study by the Major Cities Chiefs Association show 95% of police departments in the U.S. are either using body cameras now or will in the future.[1] These BWCs generate extensive media that is stored up to 90 days. Departments with approximately 200 officers, on average per year, capture 33 terabytes of video data and about 800,000 videos, which translates to nearly $2 million for annual storage costs.[2] Some counties alone have opted against using BWCs because of the high price. There is no investment protection and it ultimately leads to spiraling costs. Many agencies end up with independent storage silos, all managed and accessed separately. Fortunately, there are new storage architectures and approaches to dramatically simplify the burden of storage management to drive down costs.

StorageCraft's Scale-Out Storage

StorageCraft for Law Enforcement is a game-changing solution that is highly scalable, easy to manage and replicate, and cost-effective. Law enforcement agencies can start with 10 terabytes of storage and scale to petabytes in the same cluster. They can add any number of drives, anytime and in any granularity to meet their storage requirements. When they expand their available storage capacity there is zero configuration and no application downtime. Under 15 minutes, a law enforcement agency can have disaster recovery infrastructure installed and replicating. The software is architected to make storage management and remote replication easy, efficient, and without the need for high-level storage expertise.

Business Benefits

- Scale effortlessly
- Optimize storage capacity
- Reduce TCO
- Protect Data
- Recover Rapidly

Results

With StorageCraft, law enforcement agencies can finally realize the full benefits of BWCs and surveillance video. They can better serve citizens and bring greater transparency to their communities—all while keeping their storage budgets under tight jurisdiction.

OneXafe & OneSystem

StorageCraft delivers scalable storage solutions – OneXafe, a powerful, yet simple, scale-out storage appliance, coupled with OneSystem, a cloud-based storage management service. The solution has been designed from the ground-up to fully exploit today's advances in storage technologies to deliver a single infrastructure that integrates advanced storage features and bring storage management simplicity across multiple fronts. OneXafe is a Network Attached Storage appliance with all enterprise-grade features built-in such as continuous data protection, compression, inline deduplication, and disaster recovery and is largely automated with no need for expertise to setup and operate. The unique scale-out, converged storage appliance consolidates primary data as well as the backup and archival data in a single, simple to use storage infrastructure.

Scale-out Storage on the Go

- **Expand storage seamlessly:** Law enforcement IT teams can expand storage dynamically and scale granularly, one drive at a time, or by adding multiple OneXafe appliances, all without any configuration changes to the application.

- **Safeguard surveillance data:** OneXafe takes continuous and immutable snapshots automatically every 10 seconds for the first hour, then on an hourly, daily, weekly, and monthly basis. Should a ransomware attack occur, encrypting the data and corrupting the primary file system, these snapshots are completely unaffected, immune from any modification or deletion.

- **Reduce storage costs:** OneXafe eliminates costs caused by over-provisioning. With high data reduction ratios, it reduces the costs of expanding hardware and operational expenses, lowering the cost per TB even further. OneXafe allows IT teams to purchase enterprise class drives at retail pricing, driving down costs even more without the vendor markups.

About StorageCraft

For more information, visit www.StorageCraft.com.

[1] 95 percent of large police departments in the U.S. are either using body cameras now or are committed to using them. Source: Major Cities Chiefs Association and Major County Sheriffs' Association. http://www.governing.com/topics/public-justice-safety/gov-police-body-camera-survey.html

[2] http://www.govtech.com/dc/articles/body-worn-camera-data-storage-the-gorilla-in-the-room.html