



# Next-Generation Digital Video Surveillance for Business and Government

Deploy a comprehensive solution for capturing, managing, storing, and evaluating digital surveillance video and other security information.

Surveillance systems play a key role in any organization's approach to protecting people, assets, and critical infrastructure. Accordingly, your organization—whether a commercial enterprise or a government agency—is probably considering a greater investment in this area. Additional expenditures, however, do not address the problems inherent in traditional surveillance systems. For example, anyone who has seen images captured by them can agree that the image quality is often very poor. In addition, they are typically proprietary, "black box" systems that do not communicate or interoperate easily with other systems.

In answer to these concerns, Apple and videoNEXT offer an advanced, open standards-based digital video surveillance solution that delivers exceptional-quality video and unifies all video, audio, data, access control, and alarm management functionality into one command and control center. With a solution from Apple and videoNEXT, organizations benefit from a common operational picture that enables them to capture, manage, analyze, integrate, and act on data that was previously disorganized and overly complex. The end result is improved reaction time, potentially reduced costs, enhanced operator productivity, and fewer security risks and losses.

## Manage physical security information on a single platform

A solution from Apple and videoNEXT enables you to integrate information from cameras, access control, perimeter detection, point-of-sale, and other systems into a single platform, providing a cohesive picture of all physical security information. Now you can reduce investigation time and more effectively safeguard your organization's assets.

## Transform video surveillance into a standards-based IT function

With Apple and videoNEXT, you can move from proprietary, "black box" solutions to an open, standards-based system that leverages the existing network and IT infrastructure. Benefits include cost reduction and the ability to focus IT and security resources more productively.

## Improve the quality of surveillance video

You can also improve the quality of video obtained via video surveillance systems, making it more valuable and actionable. IP-based cameras and robust storage systems produce high-fidelity video that provides not only broader situational awareness—the big picture—but also fine details that can be used for reading license plates or identifying people.



## Key benefits

- Implement an end-to-end, IP-based solution for digital video surveillance.
- Transform video surveillance from a closed, "black box" solution to an open, standards-based system that uses a best-of-breed IT infrastructure.
- Move from analog cameras, videotape, and DVRs to more advanced IP cameras and enterprise-class systems and storage architectures.
- Easily and affordably scale your digital video surveillance solution.
- Obtain a cohesive operational picture by managing all physical security information on a single platform.
- Transition to IP cameras that provide an image quality superior to that of analog cameras and DVRs.
- Help to reduce storage costs while increasing data retention times.
- Enable security officers to view video and physical security information from their desks, video walls, or iPhone devices.
- Manage video storage through configurable retention policies.
- Deploy on a rock-solid, reliable, easy-to-use platform with a proven track record for supporting demanding digital video production at television networks and studios worldwide.

### **Easily and affordably scale your digital video surveillance solution**

Apple and videoNEXT let you scale digital video surveillance with cost-effective video capture and storage technology. You can store and retain video archives constituting months or years of surveillance using scalable, high-performance Xserve capture systems and cost-effective, Apple-certified storage.

### **Automate security-monitoring processes**

Surveillance systems are becoming victims of their own success, as the number of cameras being deployed exceeds the capacity of humans to monitor them economically. The Apple and videoNEXT solution offers fast access to digital video feeds to increase security and reduce losses. videoNEXT Security Knowledge Management (SKM) software applies video analysis and data-mining algorithms to video feeds to reduce operator workload and lessen reliance on human interaction. When SKM detects an event that looks suspicious, it can alert security professionals to investigate the situation.

### **Go with the leader in security and video**

Mac OS X offers superior security technology built in for compliance with even the most stringent requirements. Apple delivers AES-128/256 encryption to meet data protection needs on accessible internal and external storage devices.

Mac OS X includes native support for the H.264 MPEG-4 Part 10 standard, delivering exceptionally high-quality video in compact files. In fact, the ISO chose Apple's QuickTime as the file format for MPEG-4 in 1998, and every video on the iPod and iPhone is H.264 or MPEG-4. Apple's leadership in the digital video market and the stability and reliability of the Mac make Apple products ideal for use in digital video surveillance environments.

### **Solution summary**

An Apple and videoNEXT solution can include:

<b>Product</b>	<b>Functions</b>
Xserve and Apple-certified storage	Offer easily configured and maintained video capture and storage. High-speed disk I/O designed for multistream HD video enables rapid recall of footage on demand.
Mac Pro systems and 30-inch Apple Cinema Displays	Deliver robust security-monitoring workstations for operators. Apple Cinema Displays offer high resolution that is ideal for video surveillance environments.
iPhone	Enables the mobile distribution of event, alarm, and video data.
videoNEXT Security Knowledge Management (SKM) software	Offers an open architecture and an integration framework for sensor management and aggregation. SKM is browser based for exceptional ease of use and can be tailored to meet the unique needs of each project and integrated with other physical security systems.

For more information, contact your Apple representative or Apple Authorized Reseller.