

# Education



Thus, the challenge becomes how to leverage the IP network to improve the capabilities of video surveillance systems. In some cases, this may additionally require the use of existing video system investments which can continue to provide value and meet budget constraints.

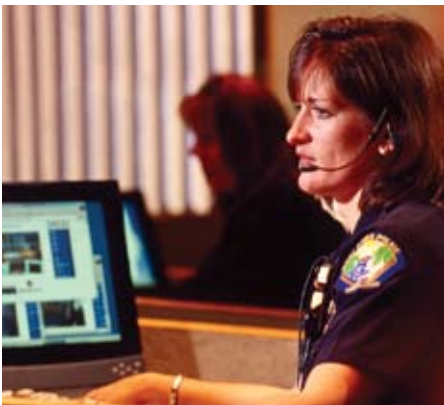
## The Challenge

Video surveillance systems have proven their value in a wide range of applications. In educational environments, video documentation of critical incidents enhances student safety and better protects valuable assets. However, traditional analog CCTV surveillance systems have many limitations: they are unable to store recorded video in local and remote locations or provide video access to mobile or remote users. Having recognized the cost savings, productivity improvements and enhanced communications provided by IP networks, many administrators would like to apply these technology benefits to video surveillance systems.

## The Solution

The Cisco® Video Surveillance Manager (VSM) enables education administrators and security personnel to view, manage, and record video locally and remotely using the IP network and a standard Internet browser. Video can be securely accessed anywhere, at any time, enabling faster response, investigation, and resolution of incidents. Video can be recorded and stored locally and off-campus, allowing it to be managed and aggregated with video from multiple locations. VSM interoperates with a wide range of third-party vendor devices and applications such as video analytics, providing a solution that is cost-effective to deploy, fits budgets, and enables new capabilities. As a result, student safety can be enhanced and valuable assets can be better protected through the video-documentation of critical incidents.

## Applications



### Monitor Student Activities

VSM allows school officials to view live video from cameras at different campuses simultaneously with high-quality and low-latency images. If a critical event occurs on campus, authorized school administrators, security officials, and local police can all access live video remotely without degrading the video performance. Archived video can also be used to provide clear evidence in disciplinary situations, and can discourage smoking, drug use, and fighting among students. Relevant video or images can easily be clipped and shared with parents and teachers.



### Protect Campus Assets

VSM can help maximize resources, allowing a campus to be remotely monitored after school hours or during summer vacations. Recorded video can be used in conjunction with an alarm system to prevent vandalism, theft, and arson. School security officers can log in to see live video from remote locations when an alarm is triggered. Images recorded during an alarm event can also be sent via e-mail to specified users.

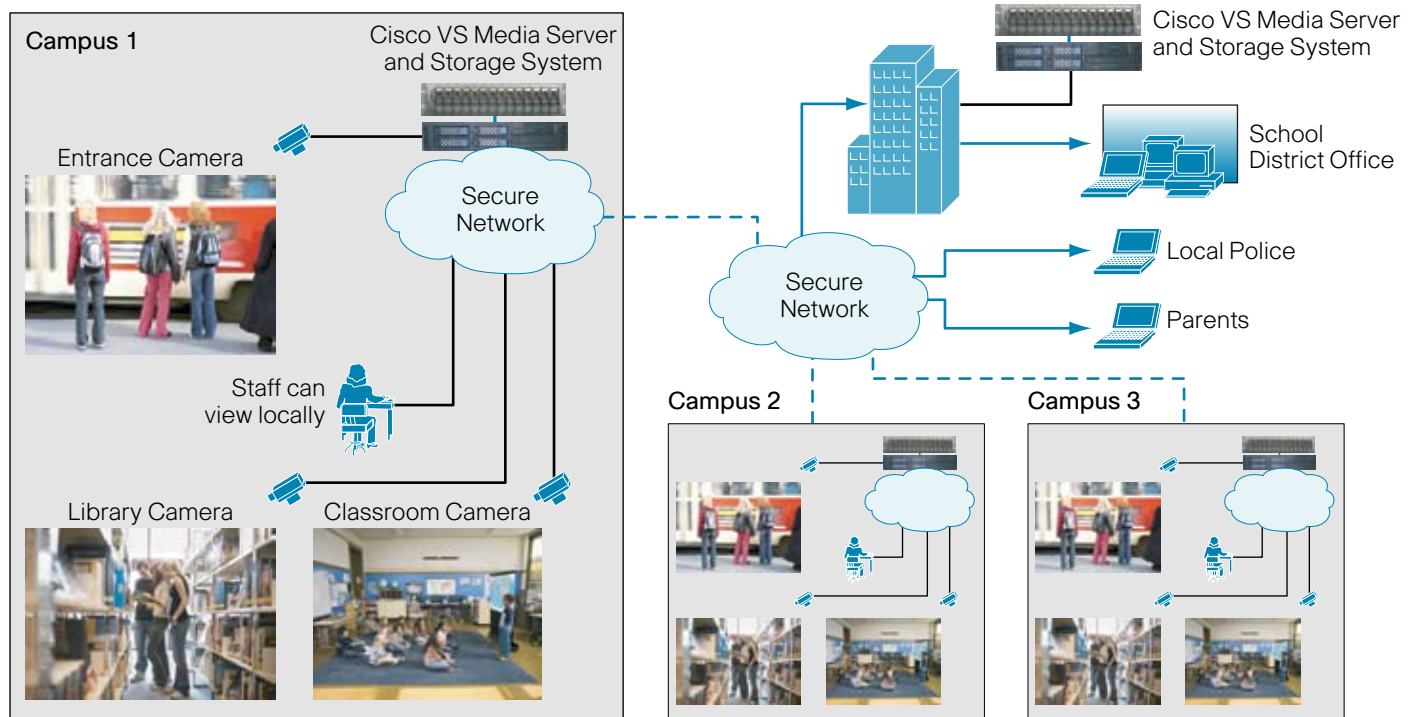


### Involve Parents

Busy parents now have the capability to participate in their child's important events. Selective camera access can be granted to parents and other family members for sports events and other activities. VSM provides extensive user management capability to quickly add and delete users, limit access to specific cameras, and monitor all user activities. The system can scale to support a large number of simultaneous viewers, with no degradation of performance.

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## Configuration



## Features and Benefits

Features	Benefits
Scalable architecture	Scales to thousands of cameras, viewers, and archives
Browser-based viewing	Allows viewing by any authorized user
Low latency	Enables real-time video viewing with camera controls
Redundant archives	Supports flexible archiving of video at multiple locations, frame rates, and durations
Event-trigger support	Integrates with alarm, process control, and other systems
Dynamic file allocation	Optimizes disk usage for stored video
Bandwidth management capability	Provides bandwidth restrictions to complement network capacity
Browser-based viewing	Allows viewing by any authorized user with customized user interfaces
Open interface standards	Expands to incorporate new codecs, camera controls, biometrics, and other systems

## Why Cisco

Cisco technologies and convergence expertise help businesses and organizations improve their return on investment and lower their total cost of ownership. With vast experience in digital video, including video surveillance, Cisco engineers understand how to use the power of an IP network to deliver new, innovative capabilities in a highly scalable and secure manner. As a trusted advisor and networked physical security user, Cisco has helped forward-thinking organizations maximize the value of their systems, personnel, and applications for more than 20 years. With deployments in transportation, airports, military, education, municipalities, retail, and more, the Cisco Video Surveillance Manager products meets the uncompromising needs of today's safety and security professionals.

Contact your Cisco account team or Cisco Physical Security Authorized Technology Provider today for a personal demonstration, and to learn more about how Cisco can help you ensure the safety and security of people and assets while unlocking the true value of your video system.

For more information see: [www.cisco.com/go/videosurveillance](http://www.cisco.com/go/videosurveillance) or Call 1-877-235-5477