

# Campus Surveillance Solution

Verizon Business's Campus Surveillance Solution provides advanced video surveillance, content management, analytical capability, and security data storage. The solution is based on EMC's Surveillance Analysis and Management Solution (SAMS) in combination with Verizon Business's IP networking services.

## Solution Value

- Deliver relevant, live, and archived video from any of the hundreds of cameras directly to those making immediate decisions (campus security, command centers, and law enforcement agencies).
- Integrate access control and video analytics.
- Focus security personnel on video associated with intelligent alarms and aberrant behavior.
- Transform video into a real-time decision-making tool that can help save time, control costs, and improve security.

## The Challenges

Colleges and Universities have responded to the rise in crime, theft, and property damage with a sharpened focus on campus surveillance and security. Campus Security needs economical ways to protect students, faculty, staff, and property, as well as the ability to seamlessly increase the efficiency of their security staffs.

College and University security departments must transform their legacy surveillance systems. Manpower-intensive operations need to become scalable with an open-standards design in order to meet today's increased surveillance requirements.

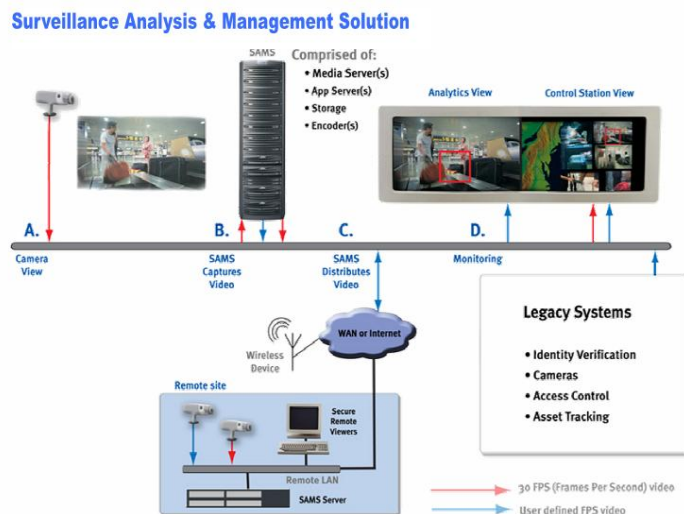
## The Solution

Verizon Business and EMC have teamed to deliver an integrated, open-standards approach to the capture, sharing, and analysis of digital video surveillance information. This solution can help universities and colleges improve surveillance with an open, networked, and scalable video surveillance solution.

The Campus Surveillance Solution defines and implements an open architecture that can utilize many of your current investments, and leverage the advanced and cost effective technologies of the solution.

Verizon Business IP networking, with EMC services and support, provides turnkey implementation, installation and ongoing maintenance for all premise based hardware and software

Multiple cameras and multiple locations can all be integrated over Verizon Business's IP network to achieve required access and infrastructure functionality.



In the diagram, the Surveillance Analysis and Management Solution consists of video server software on an industry-standard Linux server, EMC storage platforms (SAN, NAS or CAS) and related storage management software, together with Verizon Business/EMC infrastructure assessment and integration services.

### Security Benefits

- **Improved analytics through centralized data:** Campus security personnel have typically only been able to view real-time video output. With SAMS, they can now view real-time video and receive policy and anomaly-based alerts generated by sophisticated software analysis of data from remote locations and historical archives.
- **Data storage and retrieval:** Adequate data storage and retrieval is an important element of any surveillance solution. Data retrieval can be critical to investigating and defending legal actions.
- **Network management:** Content, speed, and workflow can all be managed through a central, open, video repository. Multiple frames per second (FPS), access nodes, and rules-based viewing enhance video surveillance capabilities.

### Integration Benefits

- **Increased automation and scalability:** SAMS handles numerous surveillance cameras and surveillance inputs with a highly scalable architecture.
- **Enhanced access, searching, and sharing:** An open, flexible architecture means data can be integrated with other security devices and applications. That translates into fast, flexible, event-driven searching, with information distributed by the Verizon Business network across the city, county, state, or around the country.

### Cost Effective

- **Infrastructure and administration costs:** A centralized video surveillance infrastructure means that all storage management, segmentation, and back-up are consolidated, helping to control hardware and IT management costs.

### The Verizon/EMC Relationship

Together, Verizon and EMC\* deliver the coordinated support needed in today's complex environment to implement the Campus Surveillance Solution. The solution combines advanced technologies—a reliable, Verizon-managed, optical network—with EMC's Surveillance Analysis and Management Solution (SAMS) storage and information lifecycle management, to deliver operational and strategic benefits.

### Get Started

Benefit today from the advantages of the Verizon Business's Campus Surveillance Solution. A comprehensive assessment of your existing video infrastructure is the first step. Contact a Verizon Business Account Manager today for more information.

\*EMC Corporation is an independent company specializing in the manufacturing, sale, installation and maintenance of storage solutions equipment, products and services. Not all services available in all areas.



*We never stop working for you.*