



INTEGRIAN®



Digital Patroller®

MOBILE DIGITAL VIDEO

The Raleigh Police Department Makes Each Hour Count with Digital Video.

How long is half a million minutes? The Raleigh, North Carolina Police Department can store 8,000 hours of video data on its Integrian DigitalPatroller® servers. At a 24-hour-per-day recording pace, 480,000 minutes add up to a few weeks shy of a year.

But the Raleigh Police department doesn't use the Integrian DigitalPatroller system to record constantly. The department uses it intermittently – mostly during times when police vehicles are operating blue lights or sirens – as a way to record specific police operations and encounters. Digital video is now downloaded wirelessly at the end of a shift, indexed to cars, personnel and shifts, and tagged with expiry dates so it can be automatically erased after a predetermined interval.



Raleigh has a fairly large police department with 750 sworn officers and 170 non-sworn employees serving a metropolitan population of 350,000 people spread over 110.5 square miles. This year, 92 of the department's 500 vehicles will be fitted with Integrian DigitalPatroller in-vehicle cameras. More are slated for next year.

City of Raleigh policy prohibits employees from endorsing commercial products, but Integrian

interviewed Lawrence Cullipher, Raleigh PD's information technology manager about the department's experience with digital video, and it was obvious that many advantages had surfaced.

Exceptional video quality

After evaluating Integrian's DigitalPatroller technology over a six-month live implementation, Raleigh PD commanders were convinced that digital video provided a more robust solution than the department's existing analog VCR recorders. Their VCR recorders had suffered cartridge mishaps and sometimes delivered substandard quality. Additionally, VHS content was difficult to store, search and retrieve.

After a six-month evaluation process, Raleigh PD made its decision based on ease-of-use and video quality. DigitalPatroller also allowed the department to implement a wireless download system and live video streaming, allowing department personnel to connect to an officer's in-car camera through a Sprint air card and see what the officers see, right from a desktop computer. They also found the system to be rugged enough to withstand extreme heat, cold, humidity and vibration conditions.

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TECHNOLOGY HIGHLIGHTS

Raleigh, NC Police Department
Integrian DigitalPatroller In-Vehicle
Surveillance Program

- ✓ 92 vehicle-mounted Integrian DigitalPatroller units
- ✓ Sprint Air cards for wireless laptop access
- ✓ Data transfer via 802.11 wireless hot-spots
- ✓ Live streaming video access over the network from where ever the police vehicle is located
- ✓ Seven district servers providing network-based digital storage and retrieval of data
- ✓ Central server for archival data storage
- ✓ Searchable, unalterable digital evidence

BENEFITS

- ✓ High quality digital evidence recording
- ✓ Protection for the public, the municipality and officers in the field
- ✓ Networkable access and control at HQ and at field level
- ✓ Evidence chain of custody issues eliminated
- ✓ Time saved with automated uploading and reset
- ✓ Liability issues reduced

"When a car comes in at the end of a shift, the officer just hits 'transmit', and the data is sent wirelessly ... It saves a lot of time."

Lawrence Cullipher, Raleigh PD IT Manager



A trusted partner

The Raleigh PD is removing analog VHS systems as new DigitalPatroller units are installed. Since the Raleigh PD opted to install its own Digital Patroller units, Integrian trained the Raleigh PD service center how to successfully install the in-unit cameras. "Integrian provided information about technology, installation, and training," Cullipher added.

Uniformed officers like the digital system. Video quality is far superior to the old VCR system with its inherent flaws. Now they can view the video on their laptops in the car, or via the mounted viewing monitor.



Wireless means easy

Cullipher says that digital video transmitted wirelessly eliminates worries about storage devices. "When a car comes in at the end of a shift, the officer just hits 'transmit' and the data is sent wirelessly over an 802.11 wireless bridge. It saves a lot of time," he said. "The video is automatically transmitted to a server in the officers' home district.

"Every night, the Raleigh PD headquarters polls each district's FTP server, quickly obtaining that day's captured video. We have the information we need, including the vehicle ID, the date, the time and the amount of video. It's all broken down into five-minute increments."

Strong Search and Security Options

Integrian's DigitalPatroller automatically includes date and time stamps on digital video. It synchs with GPS coordinates, radar and the speed of the officer's vehicle. Officers can easily tag recordings with their unit and officer number and can enter a searchable key word, such as 'DWI' or 'Moving Violation' to index the event for easy future access.

"Plus, we can set parameters to grant viewing privileges to some staff and determine who is allowed to make a DVD of it," Cullipher added. "Digital video technology is going to be a valuable tool for the officers and the department."

With DigitalPatroller as a partner, officers at the Raleigh PD know they have an always-on advocate.

CONTACT US TODAY FOR A DEMONSTRATION

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