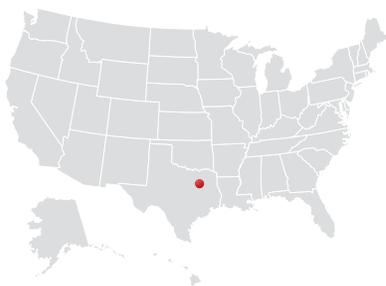


The Challenge

Increase the scope and effectiveness of the Dallas PD covert vehicle monitoring program with a comprehensive video and GPS system.

The Solution

Utilize the on-board capabilities of the DVRM6 to optimize the broad range of needs of the Dallas PD bait car program.

**Customer Name:**

Dallas Police Department

Vertical Market:

Law Enforcement

Location:

Dallas, TX

Date:

March 2011

Products:

DVRM6 Mobile DVR and
PC182XP2 Cameras

For Dallas Police, Video Evidence Was the Key to Convicting Car Thieves

Situation and challenge

The Dallas Police Department established a covert vehicle monitoring program to catch car burglars and thieves in the act. A bait car is a monitored vehicle used by law enforcement to catch car thieves. During the initial stage of the covert vehicle monitoring program, the department equipped bait cars with GPS devices that alerted officers of break-ins and tracked stolen cars, but offered no video recording capabilities.

While the GPS system proved successful, car thieves, could, for example, foil the system by parking a car out of sight in a garage, leaving police unable to pinpoint its precise location.

After adding a basic video recording system, the resulting video evidence helped increase criminal convictions, proved the concept, and enabled the department to secure greater funding.

Officers knew the bait car program could be even better with more robust video equipment that offered remote, two-way functionality. Challenges lay in selecting the optimum wireless system and implementation support to ensure increased effectiveness. The program's champions needed to justify added expense and gain broad department and funding support.

Objectives

The Dallas PD sought to increase the scope and effectiveness of its covert vehicle monitoring program by implementing a covert vehicle video surveillance system that enabled officers in patrol cars and other locations to have:

- Remote communications
- Remote control
- A comprehensive system that incorporated video and GPS

Of course, the ultimate goal was to generate the best video evidence possible in order to secure convictions of perpetrators.

Solution

The Supercircuits DVRM6 recorder and PC182XP2 pinhole cameras provided the broad range of remote and on-board capabilities that helped the DPD optimize its program. The DVRM6 communicates via air cards on Verizon and Sprint networks. It enabled officers to

Continued on page 2 →

Page 1 of 2

Supercircuits

11000 N. MoPac Expressway #300

Austin, Texas 78759

1-800-335-9777

www.supercircuits.com



Trusted Video Security Solutions since 1989

For Dallas Police, Video Evidence Was the Key to Convicting Car Thieves

send, receive, manage and control data and operations on their laptop computers with easy-to-use software. With the enhanced system, officers could:

- Receive audio and text alerts via email of criminal entry and other actions
- Receive video still shots of criminals in the act
- Access and retrieve live and recorded video remotely
- Tie the DVRM6 into a broad range of car functions (such as interior dome lights) to trigger video on and off
- Remotely operate car functions such as: sounding the horn to locate a nearby but hidden car, shutting off the fuel supply to stop a stolen car in a chase; locking the doors to deter a suspect about to flee; and numerous other actions

By making good use of the full-featured system's multiple remote sensor inputs and relay outputs to control multiple car functions, officers were able to respond to varying situations in the field. By integrating video into their existing GPS equipment, they were able to record compelling evidence of video synched to location information – the "who, what and where" of the crime was fully captured.

The police have used the covert vehicle surveillance system to verify the full chain of events of a crime, which can include being alerted to a break-in, receiving stills of live video, controlling car functions, and using audio and visual assistance in locating a stolen car.

While the technology was part of the solution, Supercircuits support was equally important to the DPD.

Sergeant David Conley, the tracking systems coordinator for the Dallas PD, said, "Supercircuits provided installation, configuration and training support to help us implement a comprehensive solution that matched our needs and that was critical to the quick success of the covert vehicle monitoring program."

Supercircuits provided phone support, training webinars and onsite visits to demonstrate operation and capabilities, and assist police in installing the system in a bait vehicle.

Results

The DPD gained the remote video access and control they needed to have a more effective covert vehicle monitoring program. Because it is a distributed solution, any number of officers in the field with laptop computers now can receive the same surveillance information simultaneously and, as required, coordinate their efforts quickly to catch thieves.

Sergeant Conley explained, "With the DVRM6, we have great control over the surveillance process and can easily notify and update our team. This video system has given us the right tool for communicating when and where a car burglary or theft is in progress and for recording high-value video evidence."

Once a suspect has been apprehended, the video evidence is clear and virtually impossible to dispute. Facing such evidence, the bad guys have been convicted in nearly every case since the system was deployed in 2010.

Because of its effectiveness, the Dallas PD plans to deploy the bait car program department-wide for other types of theft. It is also growing into a regional program involving several other police departments in the Dallas/Fort Worth area. A major funder, the National Insurance Crime Bureau, was convinced of the results and is supplying bait vehicles for the expanding program.

Recorded video has also proven to have excellent promotional value. The DPD

has used actual footage to promote the covert vehicle monitoring program in local media with the dual results of informing the public – and helping to discourage would-be thieves.

For more information on this case study or to read additional case studies, go to www.supercircuits.com/CaseStudies →

"This video system has given us the right tool for communicating when and where a car burglary or theft is in progress and for recording high-value video evidence."

-Sgt. Conley, Dallas Police Department
