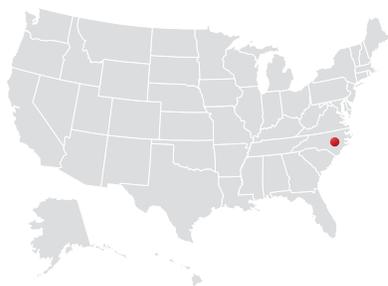


The Challenge

Quick-deployable, rugged, dependable video monitoring solution; limited budget.

The Solution

Point-to-point wi-fi links integrated with a vandalproof PTZ camera.

**Customer Name:**

Greenville, NC PD

Vertical Market:

Law Enforcement

Location:

Greenville, NC

Date:

August 2009

Products:

SC Portable PTZ Unit

Hostage Negotiating Team Deploys Supercircuits Portable Surveillance Tower

Custom solution kept their budget on-track

When Corporal Scott Stanton of the Greenville, NC Major Crimes Unit approached Supercircuits to design a solution for his hostage negotiation team (HNT), it was not taken lightly. The demands of a hostage negotiating team – and the equipment they use – are intense. Situations materialize quickly, and tensions are high. The team must be ready to respond to in a minute's notice, and their gear has to be dependable and specifically designed for rapid deployment. There is no room for failure, as lives are at risk.

Corporal Stanton wanted to design a battery-powered portable surveillance tower, including a PTZ camera and wireless transmission for remote control, video monitoring and recording. The required solution was to be small and light weight, offer at least 100 yard wireless transmission, and designed for rapid deployment. This would allow his team to quickly set up the system and manage the hostage situation from a safe distance.

Several solutions were considered. Wireless mesh technology was determined to be overly complex for the application, and well beyond the team's budget. Cellular technology was found to be insufficient, given transmission delays, lower resolution images, and unpredictable reception – not to mention a cellular service provider's recurring fees. Ultimately, the team decided that using point-to-point wi-fi links offered the best blend of capabilities, ease of use, and price.

At the core of this custom solution, Supercircuits selected its high-res 520 line PTZPZ12 true day/night vandal-proof PTZ camera. This camera allowed the hostage team to achieve the required level of detail for any situation and under any conditions, offering advanced features such as 10x optical and 20x digital high speed zoom options, 360 degree rotation / second, 90 degree tilt, and

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Trusted Video Security Solutions since 1989

Hostage Negotiating Team Deploys Supercircuits Portable Surveillance Tower



auto-flip option. Supercircuits integrated this powerful PTZ camera with Inscape wireless access points, a 10+ hour battery power supply, ACTi encoders and decoders, Supercircuits PTZC5 pan-tilt-zoom keyboard controller, and a 10' rapid-deploy tower.

Conclusion

The resulting solution was recently featured in the Winter 2011 edition of the Crisis

Negotiator. "With the addition of the remote camera system, the HNT has real-time intelligence of the suspect location... without having to wait on a brief from Emergency Response Team scout or long rifleman teams," says Corporal Stanton. "Supercircuits was great to work with. We had a special need with a limited budget and SC came through with a custom solution that met our needs."

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

"With the addition of the remote camera system, the HNT has real-time intelligence of the suspect location."

-Corporal Stanton, Greenville PD
