

Chatham-Savannah Counter Narcotics Team

SNAPSHOT



Founded in 1994, Chatham-Savannah Counter Narcotics Team (CNT) is a full-time enforcement unit made up of officers from all jurisdictions within Chatham County. The CNT works closely with its federal law enforcement partners (DEA, FBI, ATF, USPS, HSI/CBP and TSA) to combat the illicit flow of narcotics into and throughout the County.



 **LOCATION**
Chatham County, Georgia

 **INDUSTRY**
Public Safety

 **USE CASE**
Mobile surveillance, rapid deployment, major event response

 **FLEET SIZE**
~50

 **SOLUTIONS**
- AirgainConnect® Go-Kit Pro
- AirgainConnectFleet™



How the Chatham-Savannah CNT Enhanced Covert and Event Connectivity with AirgainConnect® Solutions



Chatham-Savannah CNT partnered with Airgain to deploy two complementary solutions, AirgainConnect® Fleet™ vehicle gateways and Go-Kit Pro portable units, to replace traditional multi-component routers and antennas. By consolidating connectivity into single, ruggedized devices with multi-carrier eSIM failover, the team moved from complex, hours-long installs to plug-and-play setups, maintaining mission-critical video and data links during both routine surveillance rotations and large-scale public events.

HIGHLIGHTS

 Installation time cut by >50%	 Reliable connectivity in high-density environments	 Rapid, covert deployments	 Seamless multi-carrier coverage	 Instant contingency backup
<p>Full vehicle installs completed in <4 hours.</p>	<p>Maintained live video, MDT access, and secure comms throughout Savannah's St Patrick's Day weekend (>500,000 attendees).</p>	<p>Go-Kit Pro delivered plug-and-play broadband in unmarked vehicles with no visible wiring.</p>	<p>Automatic signal-strength prioritisation kept agents online while crossing coverage zones.</p>	<p>The rooftop unit restored the wire-tap monitoring centre within minutes after a fixed-line outage.</p>

THE CHALLENGES

Chatham-Savannah CNT operates in unmarked vehicles across a wide geographic area, relying heavily on real-time video and mobile data terminal (MDT) access. In areas where cellular coverage is unreliable or congested, mission-critical streams and communications are jeopardized.

Conventional routers and antennas required extensive RF cabling, roof-mounted hardware, and tuning, taking several hours per install, and offered no built-in redundancy or portability, hampering effectiveness in dynamic scenarios such as surveillance rotations or large-scale events.

THE SOLUTION

To streamline connectivity and enhance mobility, the team deployed two complementary solutions:



AirgainConnect® Fleet™

AirgainConnect AC-Fleet is a 2-inch-tall, roof-mounted vehicle gateway that merges a 5G modem, Wi-Fi 6 router, multi-GNSS receiver, and high-performance antennas in one IP67/IP69K housing. The device supports up to four eSIM profiles for automatic multi-carrier fail-over, offers cloud or local web management, and is certified to MIL-STD-810G with a calculated 30-year MTBF—all while requiring only a single power lead and one Gigabit-Ethernet cable for installation.



Airgain Connect® Go-Kit Pro

The Airgain Connect Go-Kit Pro is a portable, battery-powered version of the same integrated solution, housed in a compact, rugged case suitable for covert field use or rapid setup in temporary surveillance scenarios. It requires only power and Ethernet to operate.

The plug-and-play architecture of the solutions eliminated RF cabling and antenna tuning and ensured full installs in under four hours and ad-hoc deployments in minutes. The seamless carrier switching continuously monitors signal strength and automatic failover ensures uninterrupted service across coverage zones.

RESULTS

Deployed in High-Density Environments

During Savannah's St. Patrick's Day weekend—a multi-day event attracting over 500,000 attendees—Go-Kit Pro and AC-Fleet were used to support a quick reaction force. Connectivity remained consistent throughout the deployment, enabling live video streaming, real-time communications, and uninterrupted access to MDTs.

“ We used the Go-Kit and AC-Fleet in the middle of a crowd of half a million people—and we stayed connected the entire time. No signal loss. No delays. This gear just works. ”

LT. CHRIS HINSON

Operations & Support Services, CNT

Reduced Installation Time Across the Fleet

The AC-Fleet system reduced installation complexity by more than 50%. Installation requires only a power cable and a single Ethernet connection, eliminating RF cable routing and antenna tuning. Full vehicle installs could be completed in a little over three hours.

“ With traditional setups, we were looking at a six-hour install. With AC-Fleet, we're done in three. It's power and Ethernet, plug and play. ”

LT. CHRIS HINSON

Operations & Support Services, CNT

Improved Coverage with Multi-Carrier Flexibility

Each unit was provisioned with active eSIM profiles for T-Mobile, AT&T, FirstNet, Verizon. Devices prioritized the strongest available signal automatically, enabling agents to maintain service when operating across varying coverage zones.

“ We're running Verizon, AT&T FirstNet, and T-Mobile—all on one device. If one goes down, the system switches automatically. That kind of flexibility is critical in the field. ”

LT. CHRIS HINSON

Operations & Support Services, CNT

Enhanced Mobility for Covert Operations

Go-Kit Pro was deployed in unmarked vehicles for short-term surveillance without visible wiring or permanent installation. Its compact profile and plug-and-play functionality provided agents with a rapid and discreet connectivity solution.

“ We rely on live video and secure comms during deployments. The Go-Kit gave us both—without exposing our vehicles or our agents. ”

LT. CHRIS HINSON

Operations & Support Services, CNT

Field-Ready Backup for Mission-Critical Infrastructure

AC-Fleet was also utilized as an emergency backup for the agency's wiretap monitoring center following a connectivity failure. The unit was deployed within minutes, ensuring continued secure operation with zero downtime.

“ When our Long-Term electronic surveillance unit room lost connectivity, I grabbed the AC-Fleet unit and plugged it in. We were back online in minutes. No scrambling. ”

LT. CHRIS HINSON

Operations & Support Services, CNT

NEXT STEPS

Following successful usage in vehicles and ground-based surveillance, the CNT is now testing AC-Fleet for integration into helicopter and drone operations.

A trial configuration is in place to support a live video downlinking and real-time geospatial overlay during flight. The ruggedized, IP69K-rated hardware is expected to meet the harsh demands of airborne operation under high speed and environmental stress.

About Airgain

Airgain delivers ruggedized, integrated wireless connectivity solutions—combining 5G, Wi-Fi, GPS, and high-performance antennas—to simplify deployments for fleets, field operations, and mission-critical infrastructure.

Learn more at airgain.com.