

Multi-Networking Solutions Help Reduce Crime



AirLink MG90 Solutions for Law Enforcement

Meet Carl - Carl, the IT Manager of a mid-sized Police Department, shoulders a crucial responsibility: ensuring seamless communication for the department's first responders with the enterprise network while equipping them with cutting-edge technologies to safeguard their community.

The Challenge | Empowering Policing With Limited Resources

In the face of a tight government budget, the department found itself constrained in providing officers with essential tools beyond their handheld Land Mobile Radios (LMRs). This limitation hindered their ability to investigate crime scenes and identify suspects effectively.

However, an alarming surge in burglaries compelled the department to seek innovative technologies that could bolster their first responders and reduce community crime.

The Solution | Multi-Network Communications Support All In-Vehicle Technologies

During a three-month period, Carl collaborated with an external IT consultant named Jim, embarking on a quest to identify and recommend a suite of 15 state-of-the-art in-vehicle technologies. This comprehensive selection of solutions included license plate readers, body-worn cameras, rugged in-vehicle tablets, and electronic ticketing systems. Yet, to seamlessly connect these technologies to the enterprise network while prioritizing security, Carl needed an "all-in-one" platform.

As luck would have it, Jim had close ties with a neighboring police department that had worked with the team at USAT. USAT recommended the AirLink® MG90 5G from Sierra Wireless. The MG90 5G boasted dual LTE-A and 5G connectivity, equipped with 5-port Gigabit Ethernet, Serial, and Gigabit Wi-Fi capabilities. This ingenious solution facilitated the integration of all devices within their vehicle area network (VAN).

USAT had also recommended a perfect antenna pairing for the MG90 to maximize its overall range and capabilities. By affixing the Mobile Mark LTMWG944 to the vehicles exterior, and their NXD-W antenna within the vehicle cab, router performance was exceptional, providing Wi-Fi both in and outside the vehicle.

Carl's decision to conduct a trial run of the router and antenna kit within one of his police cars proved to be a game-changer. Thanks to its multi-network connectivity, sub-second network switching, and robust mobile VPN security, the MG90 5G securely linked every mobile device and mission-critical application to the optimal carrier network based on vehicle speed, time of day, and location.

The trial's success paved the way for installing MG90 5G units in the entire police fleet. Remarkably, within the first three months of deployment, the community witnessed a 40% reduction in crime rates.

Industry Profile

- Public Safety
 - Law Enforcement
 - Fire and Rescue

Technology Solutions

- AirLink MG90 Router
- AirLink Management Service
- Mobile Mark LTMWG944
- Mobile Mark NXD-W-7JX4

Targeted Results

- Secure Mobile VPN
- Comprehensive Wi-Fi
- Seamless Connectivity
- Remote Management



USAT delivers law enforcement agencies the end-to-end communications solutions they need to support their ever-evolving fixed and mobile connectivity needs.



AirLink MG90



Benefits | Increased Operational Efficiency and Greater Customer Value

The adoption of the AirLink® MG90 5G and associated in-vehicle technologies ushered in a new era of policing for Carl's department. The benefits were not only tangible but transformative:

Enhanced First Responder Capabilities

Officers now had access to cutting-edge tools such as license plate readers and body-worn cameras, allowing them to respond more effectively to incidents and investigations.

Seamless Connectivity

The MG90 5G's multi-network connectivity and intelligent network switching ensured that officers always remained connected, even in areas with varying network strengths.

Heightened Security

Mobile VPN security plays a critical role in safeguarding sensitive data, providing a robust layer of protection that ensures data security remains intact and uncompromised.

Community Safety

The 40% reduction in community crime within the initial three months of deployment demonstrated these technologies' direct positive impact on the community's safety and security.

LTMWG944



Carl's vision and determination and innovative technology solutions transformed his department into a model for effective and technologically advanced policing, ensuring the safety and well-being of the community they served.

The Team | Device Provisioning, Activation and Installation Services

USAT specializes in designing and deploying fixed and mobile wireless data connectivity solutions for public safety agencies of all sizes — complete with implementation, training, proof of concept (POC), system auditing, and on-site RF surveying services with optional engineering maintenance contracts. Our team not only helps you select, provision, and activate devices, we make sure they work in practical applications and real-life situations.

As a Premiere Resale Partner of Sierra Wireless and Mobile Mark, USAT is uniquely equipped to provide secure cellular communications solutions for public safety agencies across the USA. With our extensive catalog of world-class gateways, antennas, and management platforms designed for remote monitoring and management in even the harshest environments — you can count on us to get and keep you connected.

CONTACT US TODAY TO ENHANCE YOUR VEHICLE FLEETS CONNECTIVITY



www.usatcorp.com • 888-550-8728 • info@usatcorp.com