

AirLink® XR90 for Law Enforcement – Ensuring safety, security and transparency

Meet Margaret



Margaret is the Chief Technology Officer for a large metropolitan area police department. She focuses on leveraging technology to ensure officer and citizen safety, while increasing department efficiency, information transparency and security.

THE CHALLENGE

ENSURE RELIABLE AND SECURE COMMUNICATIONS FOR LAW ENFORCEMENT VEHICLES

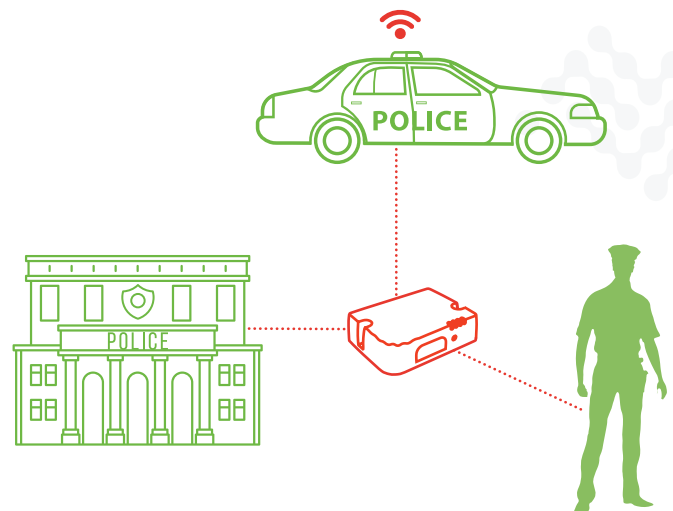
Margaret needs to ensure that all law enforcement vehicles have reliable communications no matter where they are in the city. Vehicles need to support real-time video streaming from officer body-cams and dash-cams, and real-time voice and data exchanges supporting officer radios (LMR), laptops, cell phones and vehicle data including navigation and driver behavior. Vehicle communications must be secure and easy to update with the latest security patches.



THE SOLUTION

USE SIERRA WIRELESS AIRLINK XR90 CELLULAR ROUTERS TO CREATE SECURE, RELIABLE VEHICLE AREA NETWORKS WITHIN EVERY LAW ENFORCEMENT VEHICLE

The AirLink XR90's dual 5G radio configuration delivers unmatched uplink and downlink speeds to ensure always-on video and data transmission. With AirLink Cognitive Wireless, vehicles automatically switch to the best network to ensure maximum uptime and fill coverage holes, and with AirLink's advanced VPN, communications between vehicles and depots are secure. The AirLink XR90's rugged design ensures high reliability in extreme vehicle environments.



THE RESULTS

IMPROVED COMMUNICATIONS, SECURITY AND RELIABILITY

With the AirLink XR90 and AirLink Management Service (ALMS) Margaret knows that each law enforcement vehicle router is working properly and has the latest security updates. Using ALMS Advanced Mobility Reporting (AMR), the department can improve vehicle routing and document vehicle positioning. Officers can better communicate using their LMRs and simplify depot video downloads using the XR90's Wi-Fi radios.