

## AirLink® MG90: Multi-Network Vehicle Solution Reduces Crime

### Meet Joe



Joe is an IT Manager for a mid-sized Police Department. He is responsible for ensuring the department's first responders maintain continuous communication with the enterprise network, and are equipped with the right technologies to protect the safety of their community.

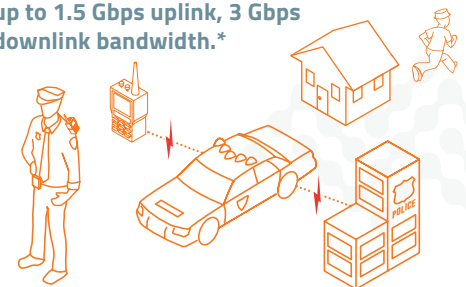


## THE CHALLENGE

### TECHNOLOGY PLAYING A LARGER ROLE IN POLICING

Due to a tight government budget the department had limited technologies available for officers, other than hand-held Land Mobile Radios (LMRs), making it more difficult for them to thoroughly investigate crime scenes and identify suspects. However, when the police department noticed an uptick in burglaries, Joe was asked to identify new technologies to support their first responders to reduce community crime.

**Market Stat: LTE-Advanced supports up to 1.5 Gbps uplink, 3 Gbps downlink bandwidth.\***



## THE SOLUTION

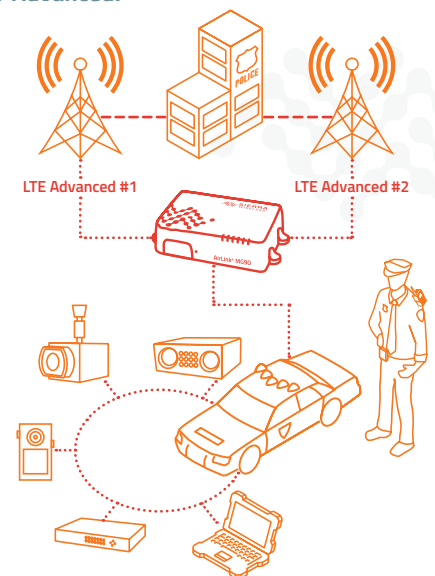
### MULTI-NETWORK COMMUNICATIONS PLATFORM SUPPORTS ALL IN-VEHICLE TECHNOLOGIES

Over a three month period Joe and an external IT consultant, Aaron, investigated and recommended 15 new, state of the art in-vehicle technologies to support the department, including license plate readers, body-worn cameras, rugged in-vehicle tablets, and electronic ticketing. However, Joe needed an "all in one" communications platform to securely connect these technologies to the enterprise. Luckily Aaron had close contact with another police department in a neighboring city that suggested the AirLink® MG90 from Sierra Wireless, offering dual LTE-Advanced, with 5-port Gigabit Ethernet, Serial and Gigabit Wi-Fi to connect all devices in the vehicle area network (VAN).

Joe decided to trial the MG90 in one of his police cars and, because it offered multi-network connectivity, with sub-second network switching and mobile VPN security, the MG90 was able to securely connect every mobile device and mission critical application to the best available carrier network based on location, time of day and vehicle speed.

Based on the success of the trial, Joe installed MG90s and all in-vehicle technologies in his entire fleet and, within the first 3 months of deployment, community crime was reduced by 40%.

**Did you know?: All major North American carriers now support LTE-Advanced.\***



\*Sources: 3GPP

[sierrawireless.com/MG90](http://sierrawireless.com/MG90)