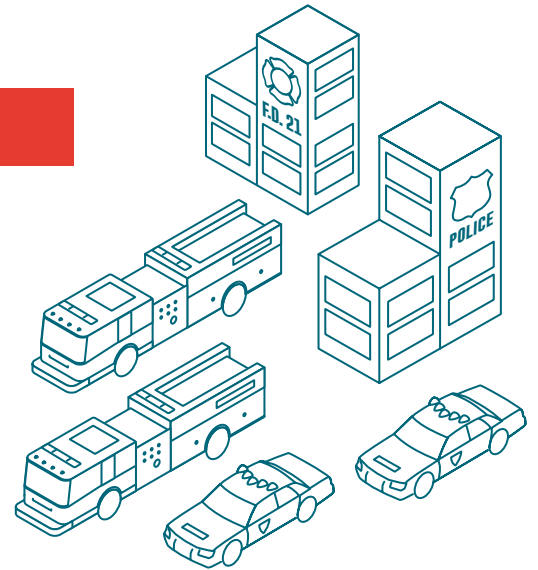


AirLink® MG90: Future Proof FirstNet-Ready Solution

Meet Riley



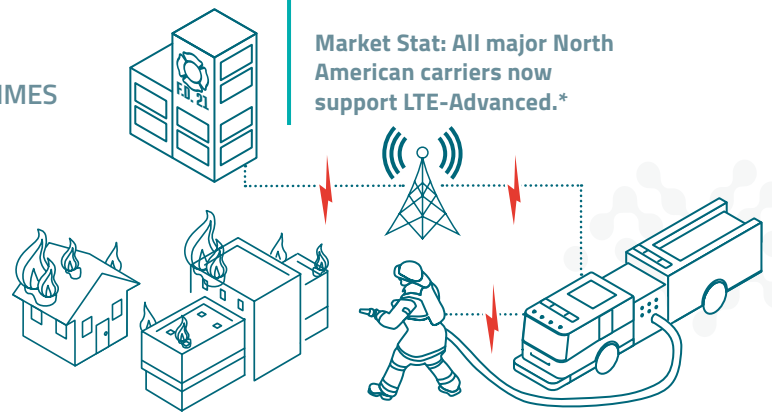
Riley is the IT Director for a large municipality, and is responsible for delivering secure, reliable and fast connectivity to support the mission critical applications deployed in the municipality's fire and police vehicles.



THE CHALLENGE

SLOW 3G NETWORK SPEEDS INCREASING RESPONSE TIMES

The firefighters and police officers are being hampered by slow speeds on the 3G network, causing their in-vehicle applications to function poorly, increasing downtime and reducing productivity. Riley was asked to identify new technologies to mitigate these issues and find a solution that proved notable return on investment.



THE SOLUTION

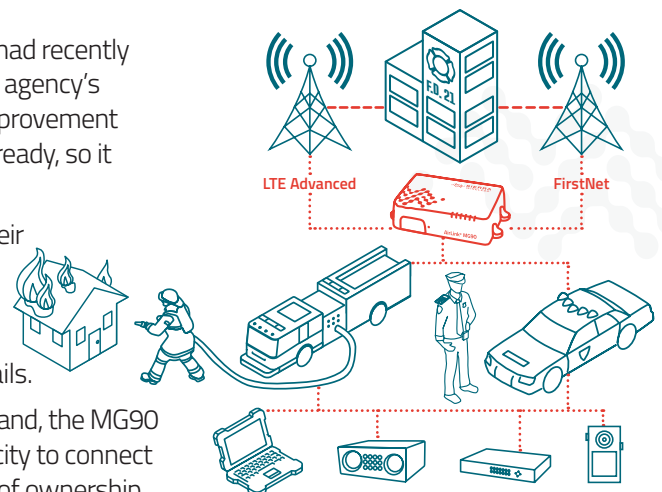
MULTI-NETWORK, LTE-A AND FIRSTNET-READY SOLUTION IMPROVES RESPONSIVENESS

Riley reached out to a close acquaintance in the IT community, Jen, who had recently deployed a multi-networking vehicle solution from Sierra Wireless in her agency's fleet—the AirLink® MG90 vehicle router—and had since seen a vast improvement in network performance. Jen also mentioned that the MG90 is FirstNet ready, so it would be scalable for future requirements.

Riley decided to trial an MG90 in a fire engine and police car to connect their rugged laptops. Delivering LTE-Advanced connectivity with up to 300 Mbps downlink speed, the MG90 provided Riley's team with faster, real-time data access to mission critical applications, such as federal criminal records, dispatch and location data and pertinent incident details.

With dual-radio functionality and support for private public safety broadband, the MG90 was able to connect to the agency's commercial network, with the capacity to connect to FirstNet, Band 14 when it arrives, significantly reducing the total cost of ownership.

Did you know? By the end of the decade, developed countries are expected to reach "full" coverage (defined as 95% of the population).*



*Sources: 3GPP

sierrawireless.com/MG90