AirLink® XR80 for Utility Mobile Workforce
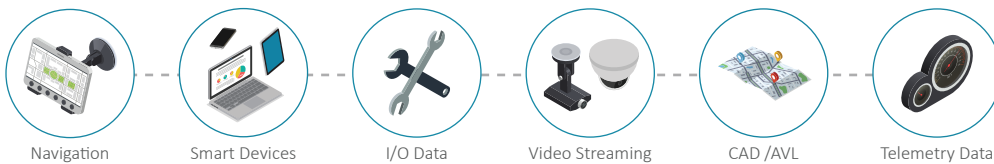## INCREASING RESPONSE, SAFETY, AND PRODUCTIVITY

Meet Harold

Harold is the Vice President of Engineering for a rural electric utility cooperative. Harold wants to increase the responsiveness, safety and efficiency of their bucket trucks and other mobile assets. Moreover, those who lead the organization want a solution that will enable their vehicles to maximize the use of 4G networks today, while also being capable of utilizing 5G networks once they become available in their region.

The Challenge | Improve Efficiency and Decrease Response Time for ROPE Events

When the lights go out and they need to restore power in an emergency (ROPE) they need the best tools at their disposal. Harold's mobile trucks and linemen need the right information at the right time to maintain power, reliability and citizen satisfaction. He also wants to improve the safety of crews in the field, while improving dispatch operations and delivering cost savings at his rural electric membership corporation (REMC).

The Solution | XR80 Routers and LTMWG Antennas for Field Service Vehicles

With AirLink XR80's advanced navigation system, Harold's cooperative was able to implement a computer-aided dispatch and automated vehicle location (CAD/AVL) platform that improves communications and lets dispatch know the position and status of all vehicles at all times. With the AirLink XR80's intuitive user interface, Harold set up the system including security without external help. AirLink Management Service (ALMS) and Out-of-Band Management, enable his team to easily monitor and maintain the health and security of their routers. And with ultra-wide band Mobile Mark LTMWG944 antennas, LTE signals and Wi-Fi coverage inside and outside of each vehicle get a major boost in strength and reliability.

Navigation · Smart Devices · I/O Data · Video Streaming · CAD /AVL · Telemetry Data

Fleet Manager · 4G / 5G LTE · Secure Cloud · LTMWG944 · AirLink XR80

5x4 Wi-Fi · Dual SIM · Dual Radio · Up to 4.14 Gbps · ALMS · 5G Ready
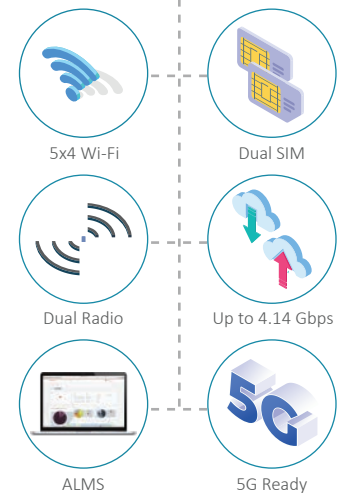
The Results | Increased Response, Safety and Operational Efficiency

Utility co-op members saved money by streamlining dispatch logistics (seeing where all trucks are at a given moment) and improving the efficiency of its emergency repair efforts. They also gained functional enhancements in the form of new apps, including one designed to monitor a truck's bucket position and how long it's been held there, which keeps crews safer and saves on wear and tear. Real-time video transmission can also be enabled letting dispatch know the full extent of damage that the crew sees. IT management has also been greatly simplified.

The Team | Device Provisioning, Activation and Installation Services

For over 25 years USAT has provided expert fixed and mobile IoT connectivity solutions to regional electric cooperatives. We support every aspect of mission-critical mobile connectivity projects. Our team of solution engineers configure, provision, kit and ship your devices hot and ready for immediate use. And when you utilize MCA on-site installation services, our techs ensure your devices are functioning securely, reliably, and at peak performance.

CONTACT US TO ENGINEER YOUR CONNECTIVITY SOLUTION TODAY