



Utility Truck Vehicle Area Network

Meet Dale

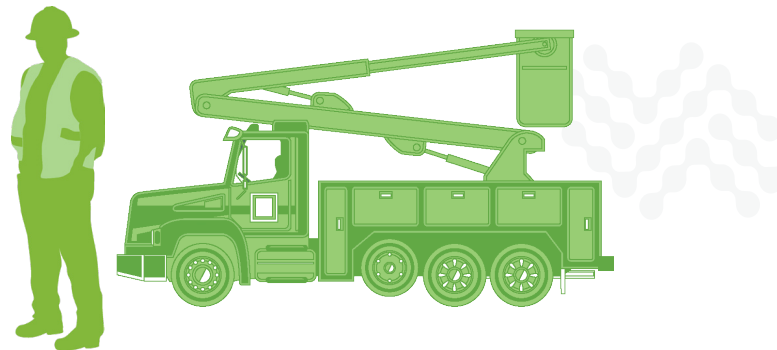


Dale is a Sr. Dispatch Manager with an electric utility cooperative responsible for maintaining hundreds of miles of power lines. With recent work from home directives, Dale's utility has kept depot personnel to a minimum and has asked dispatchers to work remotely. The utility has also asked line workers to take their utility trucks home to be used as a mobile office.

THE CHALLENGE

MAXIMIZE COMMUNICATIONS AND MINIMIZE DEPOT TRIPS

Utilizing new dispatch software, Dale can send specific work instructions and schedules to each driver's laptop/tablet. When on the road, each driver must be able to view their instructions in real time and know which depot (or other utility truck) is closest to get repair parts. Dale also needs to know the location of each truck to facilitate emergency responses.



THE SOLUTION

CREATE UTILITY TRUCK VEHICLE AREA NETWORKS (VAN) USING SIERRA WIRELESS RV55 LTE ROUTERS

The RV55 is the industry's most rugged, compact LTE-A Pro router, purpose-built to provide secure vehicle area networking. The dual-band Wi-Fi enables drivers to seamlessly connect their laptops and mobile devices whether inside or outside of their vehicles. With built-in GNSS and vehicle monitoring, dispatchers can see each truck's location and maintenance status. The utility has also provided workers with Sierra Wireless LX40's if they lacked reliable home broadband. Using Sierra Wireless AirLink® Management System (ALMS), Dale's utility can remotely configure, deploy and monitor all Sierra Wireless devices and deliver security and functional updates with a single command.



THE RESULTS

ENSURE BUSINESS CONTINUITY AND EMPLOYEE SAFETY

Sierra Wireless routers give Dale's dispatch team and line workers the tools and flexibility they need to safely get the job done.

sierrawireless.com/landing/remote-worker-solutions/