# SIERRA WIRELESS®

## AirLink® MP70: Awareness of Crew Safety, Vehicle Health



## Meet George
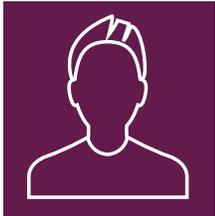


George is the IT Manager for a utility, and is responsible for deploying the communications infrastructure in a fleet of bucket trucks that are used to maintain and repair rural power lines. George works closely with the Fleet Manager and the operations team to ensure that the technology he installs also supports their objectives and applications.
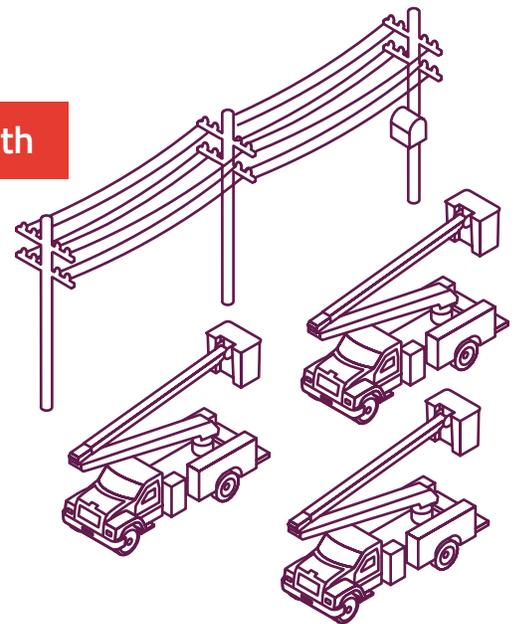
## THE CHALLENGE

### IMPROVE SAFETY FOR WORKERS AND MONITOR VEHICLE HEALTH

George is asked to recommend a solution that will enable field-based training on-site to prevent downtime. The team also wants to deploy video cameras to remotely monitor workers for their safety and accident prevention. In addition, George is asked by the Fleet Manager to propose a telemetry solution that will provide vehicle status to prevent frequent breakdowns resulting from harsh operating conditions and extensive mileage due to large geographical coverage.

**Market stat: North America led the world by increasing its high ranking in LTE market share to 44 percent.***



Operations
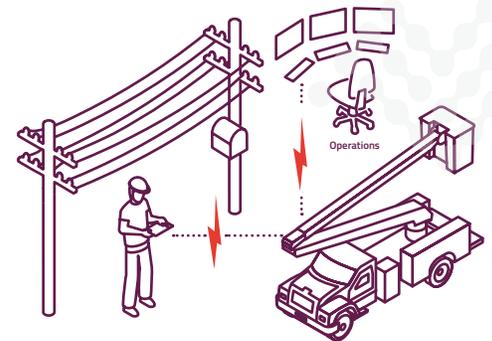
## THE SOLUTION

### HIGH PERFORMANCE ROUTER CAPABILITY SUPPORTS LIVE VIDEO AND TELEMETRY

George suggests using tablets to remotely train the workforce while they are not doing repairs. Because tablets also provide video feeds when repairs are underway, George receives buy-in from the operations team. George finds that the AirLink MP70 vehicle router supports live video streaming, secure Wi-Fi for the tablets, and has AirLink Vehicle Telemetry. He sets up a trial in three bucket trucks and makes use of the enterprise management platform – the oMM—to monitor the MP70s and field equipment. After a successful trial, MP70s are installed in the remaining trucks, and no further vehicle breakdowns occur thanks to the vehicle telemetry data from the oMM.

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



Camera

Vehicle Telemetry

Operations

Wi-Fi

LTE Advanced

AirLink® MP70

*Sources: 3GPP*
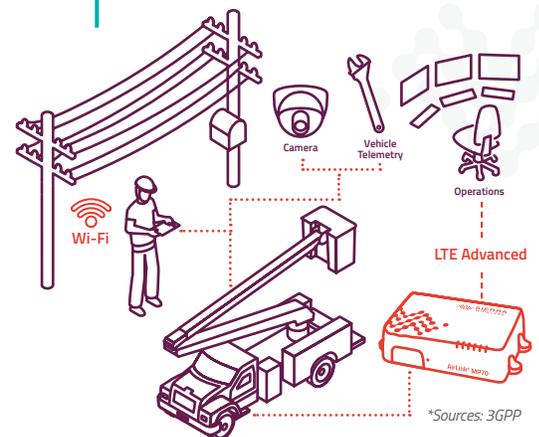
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