

AirLink® MG90 for EMS Vehicles

CONSOLIDATING COMMUNICATIONS WITH MOBILE ROUTERS



Meet Jason

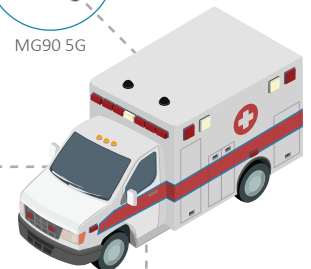
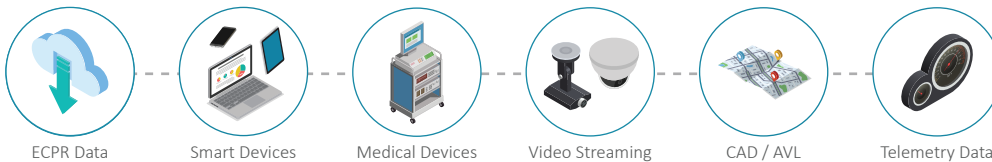
Jason is the IT team lead for an EMS agency. When he's not fixing computers and addressing telephone issues at the authority, he's helping paramedics in the field with non-responsive communications systems. With Jason and his team being spread very thin, he was tasked upgrading their communications technologies in a way that would make them easier for him to manage.

The Challenge | [Poor Connectivity and Network Management Causing Downtime](#)

Jason's IT team is understaffed and under lot of pressure from top brass to ensure paramedics have high performing communications systems that enable them to arrive to emergencies properly informed and equipped to respond. Their ambulances are currently outfitted with consumer grade routers that run on a single network and easily lose connectivity in harsh mobile environments. Also, the management platform makes it impossible to troubleshoot the source of issues remotely, which results in ambulances being called back to the station.

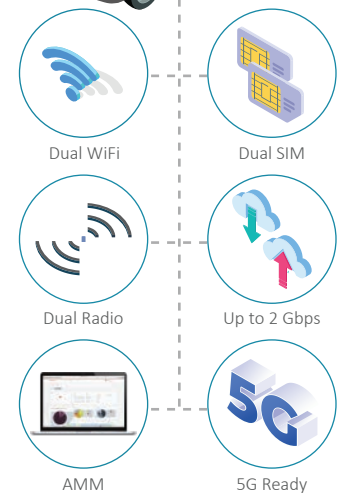
The Solution | [MG90 Routers and LTMG Antennas for EMS Vehicle Communications](#)

Jason spoke with the team at USAT about the connectivity issues, and we suggested they try a multi-network solution from Sierra Wireless- The AirLink MG90- which connects to multiple cellular networks, and can switch between wide area networks in "sub-second" time-frames. Along with the MG90's end-to-end network management tool, AirLink Mobility Manager (AMM), they would be able to receive instant network insight and control from the enterprise. And with LTMG608 antennas from Mobile Mark, the USAT team explained that his vehicles could expect to receive an additional boost in cellular signal strength and WiFi coverage.



The Results | [Reduced Downtime, Easy Management, and Improved Patient Care](#)

Jason ordered the new 5G model of the AirLink MG90 with two especially configured Mobile Mark antennas per vehicle. Within one month of installation within their ALS and BLS vehicles the majority of the agency's simple connection issues disappeared. Jason and his team could now remotely monitor, control and manage the connectivity of paramedics' communications systems from their office. With more time on their hands due to the reduction in technical issues, his team is excited about the possibility of supporting new mobile applications and new networks without having to adjust in-vehicle platforms or back-end management systems.



The Team | [Device Provisioning, Activation and Installation Services](#)

For over 25 years USAT has provided expert IoT connectivity solutions to emergency rescue and medical organizations. We support all aspects of your 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

