

# AirLink® XR90 for Emergency Medical Services

## DELIVERING EXPEDITED PATIENT CARE



### Meet Julia

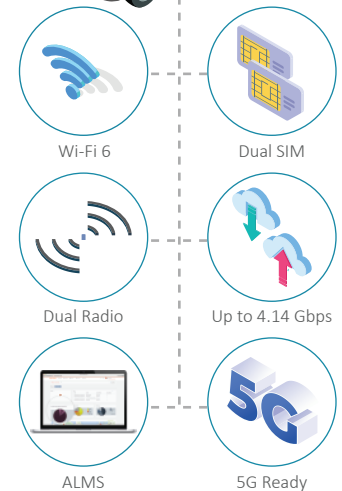
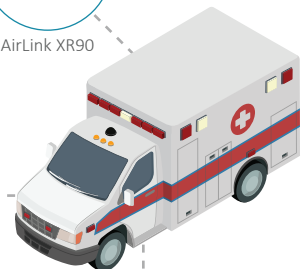
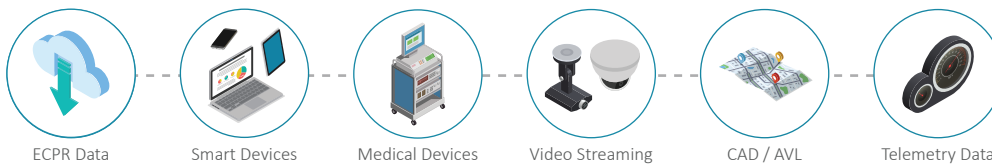
Julia is a Senior EMT-Paramedic for a decent-sized city. Elected by her organizations' IT Director for being one of the most knowledgeable and experienced EMT professionals on staff, she is heading up a team to improve and expedite patient care through better field communications with local hospitals. She was tasked with finding a way to use new technologies to improve the speed and reliability of patient data transmissions on-the-go.

### The Challenge | [Improve Patient Data Exchange Between EMS Vehicles and Local Hospitals](#)

Julia knows how critical it is for EMT's to be able to quickly and securely access current patient information in the field as well as in the hospital. Her goal is to access complete electronic patient care records (EPCR) in real-time to better treat individuals in emergency situations. She also wants to quickly transmit patient data back to the hospital so doctors on staff can be better prepared for patient arrival. And of vital importance, all patient records and data must be kept confidential to ensure continued HIPAA-compliance.

### The Solution | [XR80 Routers and LTMWG Antennas for Field Service Vehicles](#)

With the AirLink XR90's 5G, Wi-Fi 6, Bluetooth and Gigabit Ethernet speeds, EMS vehicles can get patient electronic patient care records (EPCR) as soon as possible. The AirLink XR90's 5G communication speeds allow the EMS teams to transmit large EKG files to hospitals in addition to patient videos while en route. At the hospital, the EMS team can quickly offload patient files using Wi-Fi 6. And with the XR90's multiple connection ports, all the vehicle equipment can directly interface with the router- simplifying implementation and increasing reliability. And with ultra-wide band Mobile Mark LTMWG944 antennas, cellular signals and Wi-Fi coverage get a major boost in strength and reliability- especially when paired Verizon's 5G networks.



### The Results | [Expedited Response Times and Improved Patient Care](#)

AirLink XR90 routers deliver the real-time data and video connectivity that Julia needs. AirLink Cognitive Wireless delivers always-on connectivity and maximum uptime which is critical when every second counts. The rugged design provides high reliability in a rough field environment and advanced security ensures patient data confidentiality. And advanced navigation made possible by the XR90, EMS vehicles can get to a scene faster with improved location tracking from the hospital or depot.

### 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**

