

AirLink® XR90 for Firefighting Operations

IMPROVING SAFETY WITH FASTER RESPONSE TIMES



Meet Captain Diaz

Captain Diaz is a seasoned firefighter in charge of a fire department in a medium sized city. There are numerous industrial and chemical plants within the city, and Captain Diaz wants to improve his teams ability to respond to especially rough environments under extremely hazardous conditions.

The Challenge | Ensure Safety and Leverage New Technologies

Captain Diaz wants to ensure that her crews get to a fire as quickly as possible. Of extreme importance, she needs to know her crews have all relevant information about the fire they are fighting- well before they arrive on-scene. In order to achieve this, she needs to maximize her teams ability to communicate between all responders and depots- en-route and on-scene. She also wants to leverage new technologies including augmented reality and firefighting robots.

The Solution | AirLink XR90 Routers and Mobile Mark LTMWG944 Antennas

With the AirLink XR90's dual 5G radio configuration, Captain Diaz can ensure real-time video, voice and data communications between all first response vehicles and central dispatch. Using the XR90 advanced navigation system, firetrucks can arrive on scene faster, and dispatchers can validate vehicle position and status. With 5G, WiFi-6 and Gigabit Ethernet connectivity, fire crews have the bandwidth to use augmented reality to navigate through smoky conditions in real-time. Crews can also connect with new remote controlled firefighting drones and robots to minimize personnel exposure to hazardous conditions. And when paired with ultra-wide band LTMWG944 series antennas from Mobile Mark router signal strength and Wi-Fi coverage get a reliable and measurable boost ensuring minimal downtime.



The Results | Improved Response Times, Preparedness, and Safety

With the fastest 5G, Wi-Fi, and Ethernet connectivity available on the market today, the AirLink XR90 can support all of Captain Diaz's initiatives. The ruggedized design of the XR90 router and LTMWG antenna ensure all devices can operate in rugged firefighting conditions- and when activated on the Verizon network deliver the always-on reliability that firefighters need.

The Team | Device Provisioning, Activation and Installation Services

For 25 years USAT has provided expert IoT connectivity solutions to fire and rescue teams. Our organization supports every aspect of your mission-critical connectivity projects. The solutions engineers we employ configure, provision, kit and ship your devices hot and ready for use out of the box. And when you utilize MCA installation services, our techs ensure your devices are functioning securely, reliably, and at peak performance.

CONTACT US TO ENGINEER YOUR CONNECTIVITY SOLUTION TODAY

