

## AirLink® XR90 for Firefighters – Improving safety with faster response

### Meet Captain Haley

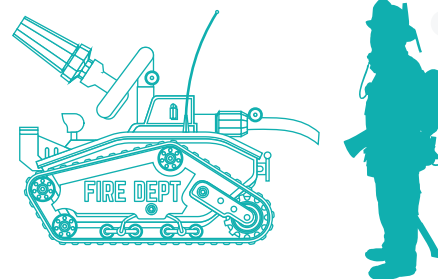


Captain Haley is a seasoned firefighter in charge of a fire department in a medium sized city. There are numerous industrial and chemical plants within the city, and Captain Haley wants to improve firefighting responses in these hazardous environments.

### THE CHALLENGE

#### ENSURE SAFETY AND LEVERAGE NEW TECHNOLOGIES

Captain Haley wants to ensure that her crews get to a fire as quickly as possible, have the right information about the fire they are fighting and maximize communications between all responders and depots. She also wants to leverage new firefighting technologies including augmented reality (AR) and firefighting robots.



### THE SOLUTION

#### USE SIERRA WIRELESS AIRLINK XR90 CELLULAR ROUTERS TO MAXIMIZE COMMUNICATIONS AND LEVERAGE NEW TECHNOLOGIES

With the AirLink XR90's dual 5G radio configuration, Captain Haley can ensure real-time video, voice and data communications between all first response vehicles and dispatch. Using the AirLink's XR90 advanced navigation system, firetrucks can arrive on the scene as quickly as possible, and dispatchers can validate vehicle position and status. With 5G, WiFi-6 and Gigabit Ethernet connectivity, fire crews have the bandwidth to use real-time augmented reality to navigate through smoky conditions. Crews can also use new firefighting robots to minimize personnel exposure to hazardous conditions.



### THE RESULTS

#### IMPROVED RESPONSE AND SAFETY

With the fastest 5G, Wi-Fi and Ethernet connectivity on the market, the AirLink XR90 can support all of Captain Haley's initiatives. The AirLink XR90's rugged design ensures that the routers work in rugged firefighting conditions and deliver the always-on reliability that firefighters need.