

AirLink® XR90 for Transit – Improving safety, efficiency and communications

Meet Ben

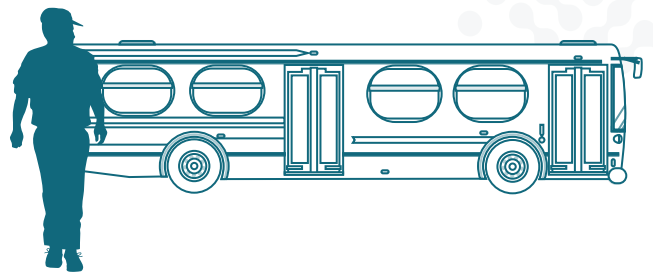


Ben is a Sr. IT Director for a large metropolitan transit agency. Ben is upgrading all transit buses to include robust communication systems that integrate driver and passenger security, fare payment systems, bus navigation and a separate passenger Wi-Fi system.

THE CHALLENGE

ENSURE THAT DRIVERS AND PASSENGERS STAY SECURELY CONNECTED.

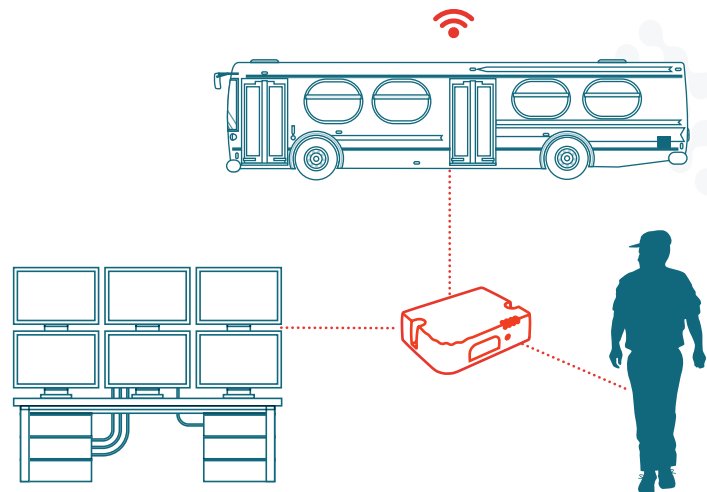
Ben's transit organization wants to ensure that drivers and passengers are securely monitored with always-on, real-time video feeds to the transit depot. The transit organization also wants to improve efficiencies by integrating fare payment systems, vehicle navigation and digital signage. Providing passengers with high-speed Wi-Fi that is separate from the Wi-Fi used to communicate with the bus subsystems is a priority as well.



THE SOLUTION

USE SIERRA WIRELESS AIRLINK XR90 CELLULAR ROUTERS TO CREATE TWO SECURE WI-FI NETWORKS WITHIN EACH TRANSIT BUS.

AirLink XR90 routers, with dual Wi-Fi 6 radios allow each bus to have one internal transit network and a separate passenger Wi-Fi network in order to ensure security. The internal transit network integrates with driver and passenger security cameras, fare payment systems, digital signage, vehicle navigation systems and vehicle diagnostic systems and will automatically connect to the best available 5G or Wi-Fi 6 network.



THE RESULTS

INCREASED SAFETY, OPERATIONAL EFFICIENCY AND PASSENGER SATISFACTION.

With the AirLink XR90 5G connectivity, Ben can get real-time security camera feeds to help ensure driver and passenger safety. The AirLink XR90's advanced navigation system and ticketing system integration helps the transit agency monitor real-time passenger flow, optimize schedules and provide real-time arrival predictions for waiting passengers. The AirLink XR90's vehicle diagnostic monitoring allows the agency to optimize maintenance schedules and perform service only when needed. And the dual Wi-Fi 6 capability gives passengers the connectivity they want with no risk to the transit bus security.