

## MG90 5G for School Buses — Increasing Student Safety

### Meet Kim

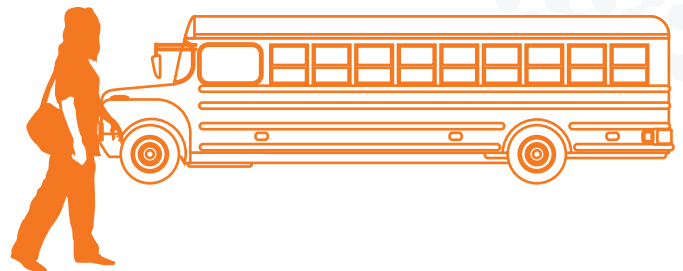


Kim is a school safety manager for a large metropolitan school district. Her job includes mandating safety requirements for the district's school buses.

### THE CHALLENGE

#### ENSURE DRIVER AND STUDENT SAFETY

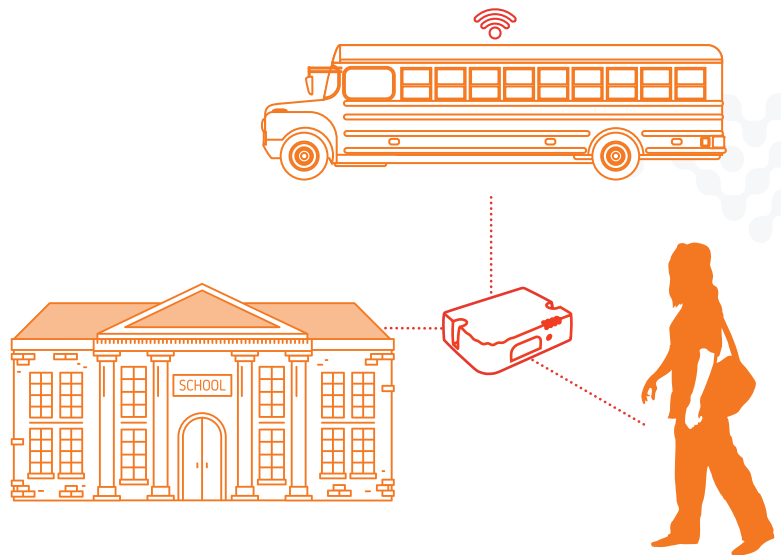
Kim needs to ensure that both the driver and students who travel on the bus are secure. This includes having sensors and live video feeds from the bus. At the same time, the school district wants to ensure all students have high-speed internet access.



### THE SOLUTION

#### CREATE A HIGH SPEED, 5G VEHICLE AREA NETWORK (VAN) IN ALL SCHOOL BUSES

AirLink MG90 5G routers create a high-speed vehicle area network (VAN) enabling school buses to deliver live video feeds covering both the driver and students. The school bus VAN monitors the buses anti-collision warning system, driver fatigue sensors, vehicle telematics and vehicle positioning. This information gets sent directly to the school bus dispatch center for use by the CAD/AVL systems and vehicle maintenance systems. The VAN can also scan student ID badges to help track students from the bus to the classroom and back. And the VAN provides 5G high speed Wi-Fi via a separate radio for students to access the internet.



### THE RESULTS

#### THE AIRLINK MG90 5G HELPS ENSURE STUDENT SAFETY AND DELIVERS RELIABLE 5G INTERNET ACCESS

All the school buses in the district can be monitored in real time using sensors, tracking devices, navigation systems and live video. Students have high-speed access to the internet allowing them to do schoolwork both to and from school.