

THE CONNECTED WASTE DISPOSAL VEHICLE

Mobile Communications for Waste Management

Waste management organizations deal with operational complexity on a daily basis. Tirelessly, they work to properly dispose of waste and encourage recycling efforts within every town and city of our nation. To do so efficiently, they need reliable solutions that improve how they deploy their specialized collection vehicles, and the teams that operate them.



Business Needs | [Flexible Access to Critical Data](#)

For decades, waste collection companies utilized paper route-books for their drivers to identify and map service areas, in combination with a record and report process to track whether or not individual bins had been successfully collected. To improve the speed and accuracy of collection data, pickup routes, and safety standards many RTO clients who work with waste management organizations have reached out for help. Today's fleet managers need collection vehicles to be equipped with hardware capable of fast, rugged, and secure connections to reliable networks like Verizon. They need real-time vehicle location and status reports, driver scorecards, and the ability for each crew to quickly and easily report accidents or incidents as they occur in the field.

Wireless Routers | [AirLink® RV55 LTE Router](#)

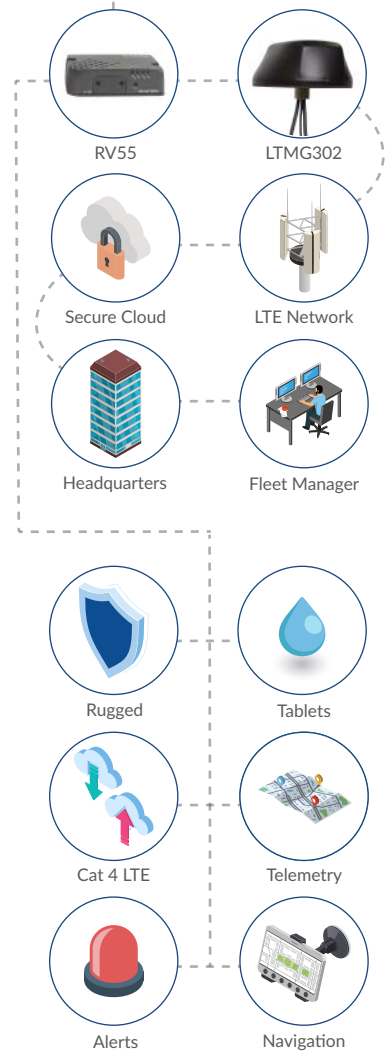
While many cellular devices targeted for use within vehicles tout their abilities to utilize WiFi and connect dozens to hundreds of devices, most of our customers clients' were in need of less robust endpoints. Luckily for them, the RV55 from Sierra Wireless is available in models without WiFi, and can offer simple, yet strong connections to their chosen carrier - Verizon Wireless. They want solutions capable of withstanding harsh environments and rough conditions. With the RV55 built to MIL-STD-810G specs with an IP64 rating, we delivered the rugged reliability they needed.

Device Management | [AirLink® Complete](#)

Along with the purchase of each RV55 router comes a full year subscription to AirLink Complete; which includes options for an extended warranty, technical support, and access to AirLink Management Services (ALMS). ALMS is an easy to use cloud application that enables rapid device deployments with over the air registration, configuration, and updates. It enables you to monitor hundreds of router, network, and connected vehicle parameters in real-time with automatic alerts, event triggers, automatic data dumps, and more.

Multi-Band Antennas | [Mobile Mark LTMG302](#)

To boost cellular coverage and GPS accuracy we recommend our clients utilize LTMG302 antennas from Mobile Mark. Their powerful unit contains two cellular and one GNSS element - providing 2x2 MiMo operation for cellular operation, and GPS via Glonass. Just like the RV55, the LTMG302 is also built to MIL-STD-810G specs, and with proper mounting by our install technicians has an IP67 rating.



Featured Solution
DEVICES AND SOFTWARE:

Vehicle Router:
AirLink® RV55

3-in-1 Antenna:
LTMG302

Cloud Software:
ALMS

CONTACT RTO TO ENGINEER YOUR FLEET CONNECTIVITY SOLUTION TODAY