AWS IoT Case Study

FleetLINK Cellular Refrigerated Fleet Management System

About Transport Wireless Technologies

Transport Wireless Technologies is a leading provider of wireless monitoring devices to the transportation industry. Our solutions provide customers a new level of access to information with products that are easy to understand, install, and service. Driving efficiency through lower fuel consumption, labor costs, and preventative maintenance, Transport Wireless Technologies products allow customers to actively monitor & proactively control their yards and fleets.

THE CHALLENGE

Create a digital connected transportation solution to retrofit cold chain trailers with real-time tracking and controls

Prevent multi-million dollar losses due to theft or spoilage

Deliver a digital chain-of-custody solution for door to door load monitoring and security

Provide a trusted multi-fleet solution in a single application with granular data and access controls

THE SOLUTION

Real time remote monitoring and history of refrigerated trailer location and status leveraging AWS Elastic Beanstalk, RDS, Route 53, and SES

Full two-way control turns units on or off in single or batch mode, changes set points and modes, and performs diagnostics

Geofence programmable remote locking security ensures trailer doors remain locked beyond controlled areas

Analytics applied to operational data and shared through entire organization

THE BENEFITS

Greater Efficiency

Better asset utilization through predictive maintenance and data-driven improvement over time.

Increased Revenue and Customer Retention

A differentiating digital solution to reduce load loss and increase value through the entire supply chain.

Improved Safety and Compliance

Reliable cold chain compliance for food safety and restricted user access through assigned roles.

ABOUT BRIGHT WOLF AND AWS

Bright Wolf helps global enterprises compete in a connected world by developing and commercializing secure and scalable connected product solutions powered by Amazon Web Services.

Amazon Web Services provides a broad platform of secure, cost-effective, high-performance cloud services that help you collect, store, process, and analyze Big Data workloads.

NEXT STEPS

To learn more about how AWS and Bright Wolf can help your business, visit brightwolf.com