Case Study: QSR & Food Trucks

Always-On Internet for Quick Service Restaurants & Food Trucks with Infinite Wireless

Client

A growing chain of Quick Service Restaurants (QSRs) and an expanding fleet of mobile food trucks operating across multiple cities in the U.S.

Challenge

Both the brick-and-mortar QSR locations and mobile food trucks depended on reliable internet for critical business operations, including:

🍔 Point-of-sale (POS) systems for fast, seamless transactions
📡 Online ordering and delivery app integrations
📶 Guest Wi-Fi and loyalty program access

However, they faced frequent internet outages due to:

🚧 ISP downtime at fixed locations, leading to lost sales
🚚 Inconsistent connectivity in food trucks moving between urban and remote areas
🎆 High-traffic events overloading single-carrier mobile networks

The business needed a fast, reliable, and flexible connectivity solution that worked everywhere, ensuring zero downtime for transactions and digital operations.

📈 99.999% Uptime
💰 More Sales, No Missed Transactions
🚀 Seamless Online & Delivery Operations
🌎 Scalable for Expansion

Solution

Infinite Wireless deployed a vSIM-enabled connectivity solution that provided seamless 4G/5G internet with the ability to switch dynamically between 40+ LTE carriers across North America. Unlike traditional SIM-based failover, Infinite Wireless' dual-radio module technology allowed for:

✅ Automatic carrier switching to ensure uninterrupted internet at all locations
✅ Reliable POS and payment processing to prevent lost sales due to downtime
✅ Guest Wi-Fi and cloud-based ordering system uptime for a seamless customer experience
✅ Fast plug-and-play deployment for both fixed QSR locations and mobile food trucks

Results

📈 99.999% Uptime: Ensured 24/7 business operations, eliminating internet-related revenue loss.
💰 More Sales, No Missed Transactions: Secure, reliable POS transactions—even during ISP outages or in mobile setups.
🚀 Seamless Online & Delivery Operations: No disruptions in cloud-based ordering or delivery app connections.
🌎 Scalable for Expansion: Easy deployment in new QSR locations and additional food trucks without ISP delays.

With Infinite Wireless' vSIM technology, QSRs and food trucks can eliminate connectivity failures, ensuring every sale is processed, every order is received, and every customer stays connected—no matter where they operate.