Reliable Internet for Education with Infinite Wireless

Client
A school district in the United States with multiple K-12 campuses and remote learning programs serving thousands of students and faculty.

Challenge
The district relied on wired broadband connections for classroom technology, online testing, and remote learning programs. However, frequent outages caused by fiber cuts, ISP failures, and network congestion disrupted learning and impacted

🎓 Live virtual classes and remote learning sessions
📡 Internet access for students in rural and underserved areas
💻 Cloud-based administrative and educational applications

The school district needed a reliable, cost-effective backup connectivity solution to keep students and teachers online - both on campus and at home.

📈 99.999% Uptime
🏙️ Expanded Internet Access
💰 Cost-Effective Solution
🚀 Scalable for Future Growth

Solution
Infinite Wireless provided a vSIM-enabled connectivity solution that ensured seamless 4G/5G backup internet across multiple school locations. Unlike traditional SIM-based failover solutions tied to a single carrier, Infinite Wireless' multi-carrier vSIM technology allowed schools to automatically switch between 40+ LTE carriers in the U.S., ensuring uninterrupted service.

Key features implemented:
✅ Multi-carrier failover: Automatic switching to the best available network to prevent downtime.
✅ Campus-wide connectivity: Reliable backup internet for classrooms, labs, and administrative offices.
✅ Remote learning support: LTE hotspots provided to students without reliable home internet.
✅ Cloud-based management: IT teams gained full visibility and control over connectivity for all locations.

Results
📈 99.999% Uptime: No disruptions to classroom learning, testing, or virtual classes.
🏙️ Expanded Internet Access: Students in rural and underserved areas stayed connected.
💰 Cost-Effective Solution: Eliminated dependency on expensive, unreliable broadband connections.
🚀 Scalable for Future Growth: Schools can expand connectivity as needed without infrastructure delays.

By implementing Infinite Wireless' vSIM technology, the school district ensured uninterrupted education, allowing students and teachers to stay connected anytime, anywhere. Whether for backup internet, remote learning, or expanding campus connectivity, Infinite Wireless provides the future-ready solution schools need.