



infinite wireless

Case Study: Regional Banking

Enhancing Banking Connectivity with Infinite Wireless

Client

A regional banking institution with 45 branch locations across urban and rural areas.



Challenge

The bank relied on traditional wired connections for critical operations such as customer transactions, loan processing, and ATM networks. However, frequent outages caused by fiber cuts, weather disruptions, and network congestion led to downtime, impacting customer experience and operational efficiency. The institution needed a reliable failover solution to ensure 24/7 connectivity without relying on a single carrier or infrastructure.

- 99.999% Uptime
- Reduced Revenue Loss
- Faster Incident Recovery
- Scalability & Future-Proofing

Solution

Infinite Wireless deployed 4G vSIM-enabled routers, ensuring automatic failover to the strongest available network. Unlike traditional failover options tied to a single carrier SIM or eSIM, Infinite Wireless' multi-carrier vSIM technology can dynamically connect to and switch between 40+ LTE carriers nationwide, eliminating downtime risks associated with single-network reliance.

Key features implemented:

- Multi-carrier failover:** Instant switching to the best available network for uninterrupted transactions.
- Dual-radio module:** One radio for bootstrapping, the other for an active carrier connection, ensuring seamless transitions.
- Plug-and-play deployment:** Devices were easily installed at each branch and ATM location, requiring no on-site technical expertise.
- Centralized management:** The IT team gained real-time visibility and control over all locations through Infinite Wireless' cloud-based platform.

Results

- 99.999% Uptime:** No downtime across all 45 branches, ensuring smooth banking operations.
- Reduced Revenue Loss:** Prevented transaction failures, improving customer trust and retention.
- Faster Incident Recovery:** Automatic failover eliminated manual intervention, reducing IT workload.
- Scalability & Future-Proofing:** The bank can now expand with confidence, knowing connectivity is never a bottleneck.

By implementing Infinite Wireless' vSIM technology, the bank eliminated single points of failure, ensuring uninterrupted transactions, ATM uptime, and an enhanced customer experience. The solution not only improved operational reliability but also provided the flexibility to expand into new locations without connectivity concerns.



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