SafecomLink Case Study

Empowering Resiliency in U.S. Fintech

The Client

A major U.S. financial technology firm operating four high-security data centers across the country. These sites serve as both mission-critical hubs and emergency shelters for essential personnel.

The Challenge

In an era of increasing geopolitical instability, the company's risk assessment identified a critical failure point: **reliance on third-party infrastructure.** Standard fiber, cellular, and satellite networks are vulnerable to physical sabotage, cyber-warfare, and regional outages. They needed a communication layer that is:

- **100% Self-Dependent:** No service providers or external grids.
- **Long-Range:** Capable of bridging thousands of miles between coastal and inland sites.
- **Modern & Functional:** Supporting data transfer, email, and AI base access.

The Solution

The firm integrated SafecomLink with high-end HF (High Frequency) transceivers at all four data centers to create a private, "off-grid" backbone. Core Capabilities Deployed:

- **AI & Email Gateways:** Disconnected sites send / receive emails and query LLMs via bridge sites with internet access.
- **ALE (Automatic Link Establishment):** Automatically selects the best frequency for current conditions.
- **Automated Check-ins:** Daily pings keep all sites linked and ready before a crisis.
- **Long-Distance Data:** Reliable file and message exchange over thousands of miles via ionospheric propagation.

The Bottom Line

The US fintech company eliminated the risk of total communications blackout. SafecomLink provides a sovereign, resilient link that keeps operations running when traditional networks fail.

"In a fragile world, true resilience isn't found in having a backup provider, it's found in having no provider at all"

Irad Deutsch, GM, SafecomLink