

Complex Use Cases

POTS lines have supported critical infrastructure for decades. The list of applications relying on them is longer than most businesses realize. From fax machines and fire panels to pool phones and panic buttons, analog lines are deeply embedded across physical security systems, life safety devices, and facility management tools. The problem is, many of these dependencies don't come to light until it's too late. Often, that moment comes when a customer receives a 30-day copper shutdown notice or fails an inspection.

That's why it's essential to take a broad, informed view of where POTS may still be active in a customer's environment.

Replacing these legacy lines isn't just about saving money. It's about maintaining business continuity and regulatory compliance without overhauling the entire infrastructure.

COMMON APPLICATIONS FOR POTS REPLACEMENT



Fire Alarms



SCADA Applications



 FAX



Area Refuge



Panic Button



Elevators



Out of Band Management



Security Gate Door Access



Physical Security Services



Modem



Security Systems



Internet Backup



Blue Light



Pool Phone

For many customers, the ability to keep their existing systems and simply upgrade the connectivity is the fastest and most cost-effective path forward. A reliable POTS replacement solution that supports dozens of unique use cases can make all the difference.

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For 2Fi's solution was purpose-built to deliver reliable performance where other systems fall short:



Panels

Fire alarm systems are subject to some of the strictest code and safety requirements in the industry. Many POTS replacement devices fail during power outages, introduce jitter, or don't meet UL certification. This creates liability risks and leads to failed inspections.

For 2Fi ensures compliant, uninterrupted performance with:

- Code-compliant and UL-tested hardware
- Clean IP handoff that eliminates jitter and delay
- Backup power to ensure uptime during emergencies



Systems

Security systems demand real-time signal reliability to avoid false alarms and delayed response times. VoIP compression, poor connectivity, or packet loss can cause serious operational issues

For 2Fi keeps signals safe and uninterrupted with:

- Secure. real-time handoff to central stations
- Reliable signaling with zero packet loss
- Built-in redundancy and failover options



Elevator emergency phones must remain operational even in low-signal or hard-to-reach areas such as basements and elevator shafts. Many solutions fail to provide consistent uptime or flexible deployment options.

For 2Fi solves for these conditions with:

- Proven performance in challenging signal environments
- Modular design that supports antenna and battery placement flexibility
- Maintains code compliance during emergencies





Fax machines rely on consistent signal timing and uncompressed transmission. Most VoIP solutions compress signals, leading to incomplete faxes, failed transmissions, or general operational frustration.

For 2Fi ensures fax reliability with:

- High-quality, uncompressed routing
- Real-time error correction
- Precision SBCs to preserve signal fidelity



Modems are especially sensitive to VoIP compression, latency, and least-cost routing. Even slight signal distortions can render them unusable on modern networks

For 2Fi's modem-ready architecture includes:

- End-to-end signal consistency
- Uncompressed, high-quality routing
- Advanced error handling and stability tools



Medical Alert Systems

These life-safety systems must guarantee 100 percent signal transmission to ensure alerts are delivered and emergency services are dispatched. Most POTS replacement solutions fall short. A missed signal could result in serious consequences.

For2Fi protects these systems with:

- Licensed signal retransmission infrastructure
- UL-listed equipment
- 100 percent signal delivery supported by remote diagnostics and failover
- Fewer truck rolls and faster issue resolution

For 2Fi's proprietary technology was built specifically to support complex analog use cases in a modern world. We combine signal preservation, real-time monitoring, and rugged infrastructure to deliver unmatched reliability, even in the hardest-to-replace lines.

When lives, compliance, or business operations are on the line, For2Fi makes sure the line stays up.

