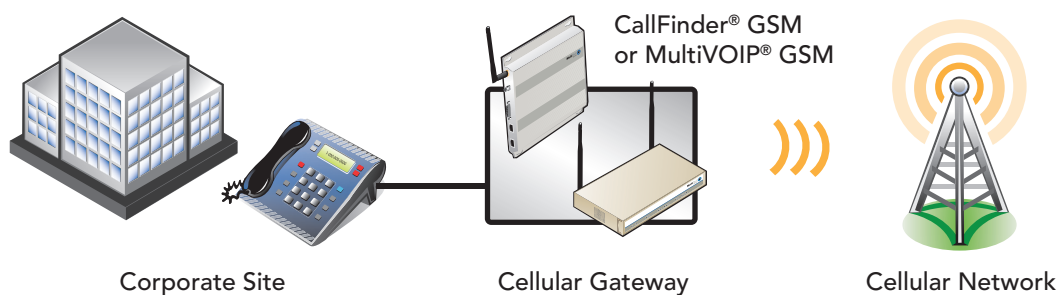


PSTN Backup with Multi-Tech's Cellular Gateways

The Customer's Need

One of the most vital pieces of doing business today is telephone accessibility – being able to reach one's customers, suppliers, and employees to ensure that business can be normally conducted on a daily basis. Companies need to ensure constant communications, regardless of the availability of Public Switched Telephone Network (PSTN) lines. When PSTN lines go down, business comes to a stand-still while the telephone companies repair the line. To ensure that business-critical communications are not interrupted, a company must own a backup system.



Application 1:

A sales organization that dials for dollars each day can't afford to lose their PSTN line. They could lose large amounts of revenue, and miss sales quotas, while the line is being repaired. Adding cellular functionality to this company's PBX provides an alternative route for calls. For a sales-driven organization, this backup solution is critical.

Application 2:

To provide effective security, a bank needs redundant lines to deal with emergencies. If phone lines get cut, they need access to a cellular network in order to send alarms and contact emergency personnel. Additionally, they also need to ensure that they can receive calls to continue business.

Application 3:

A manufacturer's inbound PSTN line goes down, disrupting communications between the company, suppliers, and customers. The manufacturer asks the telephone company to reroute the standard number to an alternate number. The manufacturer then connects a cellular gateway to the alternate line and restores communications until the PSTN is repaired, allowing the manufacturer to serve its customers and stay competitive.

Multi-Tech's Solution

Multi-Tech provides two fixed wireless terminal products: the CallFinder® GSM and the MultiVOIP® GSM cellular gateways. These fixed wireless terminals provide a PBX to cellular gateway, regardless of the environment you are in – analog or SIP. Simply plug a Multi-Tech fixed wireless terminal into your PBX, either directly or via the network. If PSTN service were to go down, the PBX detects the CallFinder GSM or MultiVOIP GSM as another calling option to the outside, and allows users to make and receive calls over the GSM network, including emergency 911 calls. This solution provides affordable “peace of mind”, and helps ensure critical communication by providing an alternative route for voice communications.



Ordering Information

| Product | Description | Region |
|------------|--------------------------------|--------|
| CF100FX2-G | 1-Port GSM Gateway (FXS/FXO) | Global |
| MVPGSM-2 | 2-Port SIP-to-Cellular Gateway | Global |

About Multi-Tech Systems

Multi-Tech Systems is an ISO 9001:2000-certified global manufacturer of award-winning Unified Communications and device networking products. Since 1970, Multi-Tech Systems has grown into a company with a worldwide reputation for reliable products of innovative design. This reputation is just as strong today. Our goal is to help our customers achieve a competitive advantage by providing solutions that return superior business results. New technologies, same focus: Connecting voice and data over IP networks. Multi-Tech is certified by the WBENC as a Women's Business enterprise, and by C-TPAT (Custom Services Trade Partnership Against Terrorism).

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