

# Gafachi Communications

## Voice over IP for Any Size Business

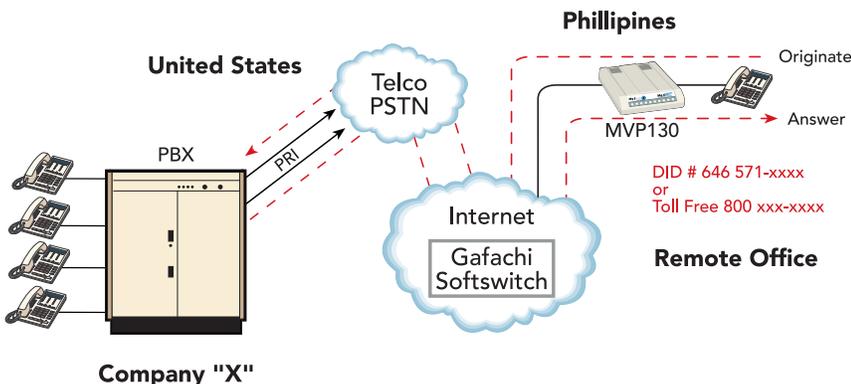
With today's businesses focused on bottom-line profitability, executives are giving Voice over IP a second look. By converging existing voice and data networks onto a single IP-based network, businesses can significantly reduce their telecommunications costs. Gafachi Communications, a privately held communications carrier, provides an IP-based backbone network for voice convergence. Together with Multi-Tech's MultiVOIP™ Voice over IP gateway, the solution provides significant savings on inter- and intra-country calling costs.

To utilize the Gafachi VoIP Network, a business simply connects their existing phones and/or PBX to a MultiVOIP Voice over IP gateway. The MultiVOIP gateway resides on the company's data network and allows calls to travel over the Gafachi VoIP Network providing a significant cost savings. The Gafachi proprietary Softswitch provides customers connectivity to the PSTN utilizing its own local and long haul private transport. Calls are first sent to Gafachi via the Internet, where they are then carried over the Gafachi Network to the PSTN and on to any phone anywhere in the world.

Placing calls utilizing MultiVOIP and the Gafachi VoIP Network is like using your existing phone system. MultiVOIP simply plugs into the data network and will interface with any phone system to provide real-time, toll-quality voice connections over the Gafachi VoIP Network. Users dial standard phone numbers to reach their destinations.

In addition, the MultiVOIP gateway and the Gafachi VoIP Network both support T.38 fax, the protocol used to send faxes over the IP network. Many VoIP carriers currently support only the G.711 method of fax. While successful faxing is possible by these means, it is not very reliable.

"The Gafachi VoIP service, coupled with MultiVOIP gateways, provides any size business with a secure, reliable, quality and cost-saving VoIP solution," explains Tom Cague, Director of Business Development for Gafachi Communications. "We look forward to recommending MultiVOIP gateways to our customers as the solution is clearly a leader in the VoIP space, offers the features we are looking for to accommodate the many needs of our customers, and has successfully been tested with the Gafachi Network."



## Multi-Tech and Gafachi VoIP Network

### Solution Benefits:

- Significantly reduces global telecommunications costs
- Worldwide implementation availability: anywhere the Internet is accessible
- Reliable, carrier-class voice quality
- T.38 Fax support

### Solution Benefits:

- MultiVOIP Voice over IP gateway
- Gafachi Network service

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- Tom Cague, Director of Business Development, Gafachi Communications

## Multi-Tech MultiVOIP Gateways

Multi-Tech's MultiVOIP Voice over IP gateways bridge the voice network to an IP-based data network. MultiVOIP operates alongside a company's PBX and analog phone systems to provide long distance calling over the Internet, and in a point-to-point application, extend voice and PBX functionality to remote locations.

### MultiVOIP Features:

- Flexible 1-, 2-, 4-, and 8-port analog models and 24-port digital solution
- Award-winning business quality voice connections (supports DiffServ and 802.1p QoS)
- Minimal bandwidth requirements (14K bps per call including IP overhead)
- Utilizes H.323 and SIP protocols for complete interoperability
- No disruption to existing voice equipment
- No additional hardware needed
- Transparent to the user (no training required)
- Web based configuration and management
- 2-year warranty

Model No.	Description
MVP130	1-Port VOIP Gateway
MVP210	2-Port VOIP Gateway
MVP410	4-Port VOIP Gateway
MVP810	8-Port VOIP Gateway
MVP2410	24/48-Port T1/PRI VOIP Gateway

## Gafachi Network

The Gafachi Network offers A-Z VoIP Termination to over 170 global destinations, as well as, DID and U.S. Toll Free Origination. The core of the Gafachi Network is its revolutionary SoftSwitch technology developed in-house. Built from the group up, focusing on the needs of modern telecom, the Gafachi SoftSwitch (GSS) provides unparalleled reliability and troubleshooting capabilities, not otherwise available in the market. Years of development and real-world testing have resulted in one of the industry's most advanced, and reliable, networks.

### Key Benefits:

- Reliability
- Carrier-Class Quality
- T.38 Fax Support
- No commitment
- Volume-based discounts

## About Gafachi Communications

*Gafachi is a privately held facilities-based Voice over IP carrier.*

*Headquartered in Rochester, New York, Gafachi was founded in 2001 with the*

*focus on building*



*a reliable VoIP network, capable of providing wholesale services to high volume customers. Today, Gafachi has completed 1 billion calls over its long haul, self-healing SONET (Synchronous Optical Network).*

**For more information contact**

**Gafachi directly at:**

**646-723-0500**

**[www.gafachi.com](http://www.gafachi.com)**

## About Multi-Tech

*Multi-Tech Systems is an ISO 9001:2000 certified global manufacturer of award-winning telephony, Internet, remote access, and device networking products that connect voice and data over IP networks. With a long history inventing products known for their reliability and performance, Multi-Tech still employs the same mission from which the company was founded: to provide quality solutions that solve real business problems.*