



## Success Story

### Helping Out the Helpers Non-Profit Organization KFI Gets Multi-location Telecommunications System Upgrade from ZyXEL Communications

**“The equipment is working flawlessly! ZyXEL has helped this organization join the modern age, making this one of my most popular decisions during my time at KFI.”**

**Jim Mehaan**

Executive Director for KFI

## Overview

### Customer Name

KFI Organization

### Customer Industry

Enterprise

### Challenges

The need of an updated and secure telecommunication system to link its three offices

### Solutions

USG100

### Benefits

- Help to protect as a unified threat management system (UTM) and is the main gateway for channeling traffic between the three KFI sites
- Provide cost-effective, fairly-priced solutions

## Challenges

KFI began as an organization which assisted disabled children but evolved to help all disabled individuals throughout Maine. This growth created a pressing concern; the organization needed to update their communications system to better handle the volume of calls and the expanding business. KFI operates three sites which needed to be upgraded and bridged for clear connectivity. Another objective was to lower their telecommunications bill while also upgrading the system.

## Background

KFI Organization was founded almost 50 years ago, and as a school for children with intellectual disabilities, KFI has evolved and expanded to become a regional provider of services to people with disabilities and has been recognized and awarded for its excellence. KFI helps disabled individuals through case management, community support, employment opportunities, home assistance, and enables them to realize that they are important members of the community.

## Solutions and Benefits

This change would involve getting new equipment which could be remotely managed and USG100 was selected to provide the service. As a Unified Threat Management system (UTM), the USG100 would serve as the main gateway, channeling data and voice traffic between each site's internal network with the other two sites, as well as the Internet connection over a secure Virtual Private Network. In this particular application, there was another key feature that made the ZyWALL devices an easy winner. The USG100 devices are one of very few routers that allow for bandwidth management for VPN traffic. This allowed KFI to set high priority to all the voice traffic, enhancing the quality of the newly deployed Internet telephone system. KFI installed a Panasonic telephone system to link the three sites. The installation ran smoothly and the ZyXEL routers were used to connect the VoIP system. Installing such a system is anticipated to effectively save KFI \$1,500 per year.



## Products Used

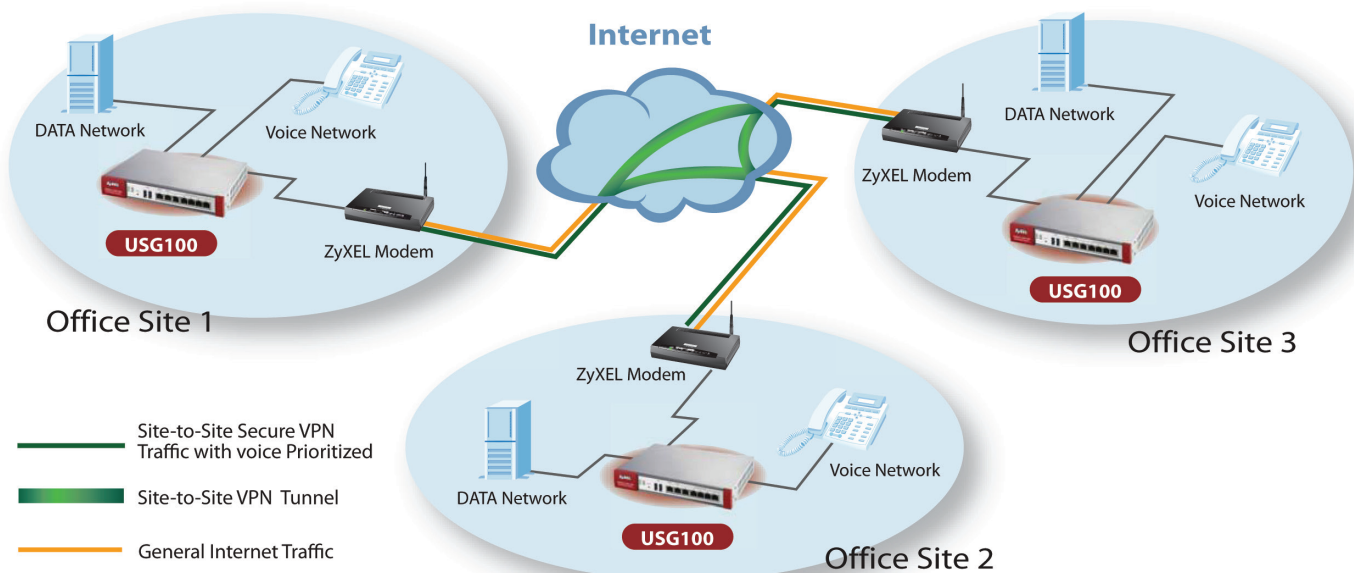


### USG100 Unified Security Gateway

- Robust security without sacrificing performance
- Comprehensive support to IPv6
- Robust hybrid VPN (IPSec/SSL/2TP)
- Zero-configuration remote access with EASY VPN
- Supports L2TP VPN on mobile devices (iPhone and Android phones)
- ICSA Firewall, IPSec certification
- Content filter stops malware and Web threats
- Powerful Email security
- Non-stop Internet access with multiple WAN and 3G backups

## Diagram

### Network Layout for KFI Offices



### About ZyXEL Communications

ZyXEL Communications Corp., founded in 1989 and headquartered in Taiwan, is the leading provider of complete broadband access solutions. As one of the early modem manufacturers, ZyXEL has undergone many transformations in the fast-paced networking industry. Today, ZyXEL is one of the few companies in the world capable of offering complete networking solutions of Telco, SME/Enterprise, and Digital Home for a wide range of deployment scenarios. Telco solutions include wired and wireless access network equipments, networking customer premises equipments, and Carrier Switches. SME and Enterprise solutions include Unified Security Gateway, LAN Switches and WLAN. Digital Home solutions include network connectivity devices and multimedia solutions.

The company has over 1000 employees and distributors in 70 countries, reaching more than 150 regional markets. The ZyXEL Communications Corp. includes 35 subsidiaries and sales offices and two research and development centers worldwide. For more information, visit the company's Website, <http://www.zyxel.com>.

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