ZYXEL
NETWORKS

Success Story

Nepal's Insurance Company Secures Valuable Customer Information with Zyxel Security Solution

INDUSTRY — BFSI

CUSTOMER — Prudential Insurance

COUNTRY — Nepal

SOLUCIÓN — Zyxel Security Solution

Overview

Challenges

- Upgrade legacy system with new security equipment at an affordable price
- Ensure highly secure remote access to protect valuable financial information
- Smooth and easy access to the company's network, which is protected from intrusion or malware.

Solution

- Zyxel Security Solution

Results

- Secure network with robust firewall supported by advanced malware- and intrusion-protection technologies
- Reliable and securely encrypted connections with low latency for remote workers and visitors
- A flexible, easy-to-manage solution that is future-proof to support expanding distributed work sites

"The network for any financial institute should be capable of fighting external intrusions and therefore we suggested Zyxel firewall solutions to our esteemed client, Prudential Insurance that is agreed and currently satisfied using our solution. We at ITECHNOS, are happy with Zyxel products and services, and wish to help and provide the state-of-the- art Zyxel solutions to our clients. The new network will help Prudential Insurance to create a better working environment while reducing costs."

Ananda Maharjan
Managing Director, ITECHNOS Nepal

Background

Prudential Insurance Company Limited is a General Insurance company established in Nepal, having registered office at Birgunj-4, Parsa, and the corporate office at Kamaladi, Kathmandu. With extensive experience in general insurance, the company provides satisfactory services to a wide range of customers. The nature of the insurance business requires Prudential to handle highly sensitive financial data. The company needed an extremely secure network that can withstand any breach attempts. This was imperative to ensuring consumer satisfaction and confidence, and in the financial business, trust is a valuable commodity. The company already had a network in place, but the management felt that there was a need to overhaul it to meet the rapidly increasing and sophisticated security threats today.

Challenges

Certain security breach incidents in the past had made the company feel that its network was not secure and might need a robust and reliable firewall in place. This was a serious issue because the company held large amounts of sensitive financial data in the system, and having a weak firewall meant exposure to outside threats.

Hence the management wanted to upgrade its existing system. At the top of their requirements was a secure remote access feature that would enable its employees to access data and carry on operations from remote locations.

Solutions and Benefits

The customer did not have a robust system for network security before, so they were anxious about breaches. Besides, they wanted to use an innovative web application to connect the headquarter and the office. After reviewing products from different vendors, the local partner suggested Prudential Insurance select **ZyWALL USG110 Unified Security Gateway** which supports unified threat management (UTM), enabling better security protection and easier management compared to traditional firewalls. ZyWALL USG110 features Express Mode which includes Cloud Query, a cloud-based malware scanning service empowered by the Threat Intelligence Machine Learning technology, to constantly adapts new malware data every minute and to improve the anti-malware detection efficiency. With 30 billion file IDs in Zyxel security cloud's database, the gateway can provide optimal threat detection by verifying the file ID within seconds.

Additionally, the security gateway provides cloud-based SecuReporter which offers a centralized view of cybersecurity analytics and reports, and helps businesses to easily identify risks and threats to their network. Users can navigate threat factors from a single-pane-of-glass and review the regular reports customized and scheduled daily, weekly or monthly. Security insights are presented in graphs, charts, and tables which are easy to understand and interpret. Unlike the traditional method of having point solutions for each security function, USG110's all-in-one approach simplifies installation, configuration, and maintenance, saving management time, and cost for the company when compared to using multiple security systems.

To create secure communications for remote workers or visitors, the insurance company adopted Zyxel **SecuExtender**. SecuExtender is designed to provide mobile and distributed users with secure, fast, and reliable remote access to corporate resources. Its SSL VPN connectivity allows easy setup and remote client-to-site access. For SSL VPN, Zyxel SecuExtender provides auto-client connectivity for Windows and easy client connectivity for Mac systems. A VPN connection is no longer a daunting task. Zyxel VPN Client works with Zyxel security appliances using powerful deep packet inspection technology to scan VPN traffic for malicious threats, worms, trojans, and spyware from remote employees.

Finally, to top it all, Zyxel's solution offered a high-end security filtering feature that work as a strict gatekeeper to the network. As one of the first lines of defense, the filtering system remains vigilant to monitor traffic round-the-clock.

This solution enables application optimization, and comprehensive network protection that can prevent cyber threats and create secure tunnels for workers to link to the corporate network securely. After implementing the Zyxel security solution, the customer is happy that their network is now is much more secure, efficient, and reliable compared to their previous solution. With Zyxel's top-notch firewall installed, they don't need to worry about cyber threats or unsecured remote access that may harm their clients' sensitive information.
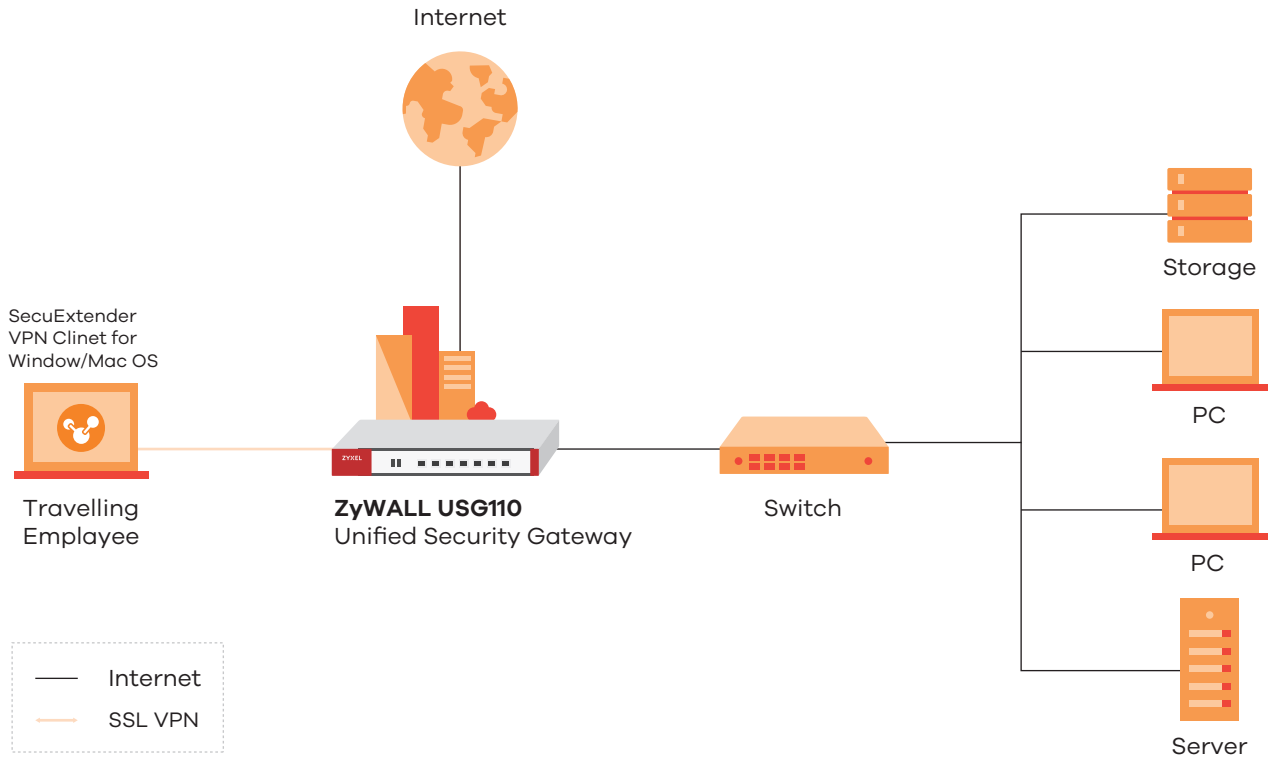
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N E T W O R K S

Products Used

ZyWALL USG110 • Unified Security Gateway

- High-performance, high-value Unified Security Firewall for small and medium-sized businesses
- Complete network protection with firewall, Anti-Virus, AntiSpam, Content Filtering 2.0, IDP, Application Patrol
- Express Mode with advanced Cloud Query technology
- Robust SSL, IPSec and L2TP over IPSec VPN connectivity and VPN high availability (HA)
- SecuReporter, cloud-based intelligent analytics and report service
- Built-in WLAN controller for centralized AP management and effortless WLAN scalability of up to 34 APs
- Comprehensive mobile broadband USB modem compatibility and multi-WAN load-balancing, failover and fall back support

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Diagram

Internet

SecuExtender
VPN Clinet for
Window/Mac OS

Travelling
Emplayee

ZyWALL USG110
Unified Security Gateway

Switch

Storage

PC

PC

Server

—— Internet
—— SSL VPN

About Zyxel Networks

Focused on innovation and customer-centricity, Zyxel has been connecting people to the Internet for over 30 years. Our ability to adapt and innovate with networking technology places us at the forefront of creating connectivity for business and home users.
We're building the networks of tomorrow, unlocking potential, and meeting the needs of the modern workplace — powering people at work, life, and play.
Zyxel, Your Networking Ally.