Success Story

Zyxel Security Firewall Helps Russian System Integrator Overcome Remote Work Communication Challenges

INDUSTRY	CUSTOMER	COUNTRY	SOLUCIÓN
IT service	Unix LLC	Russia	Zyxel Security Solution

Overview

Challenges

- Needed to replace existing network equipment for secure and convenient remote working
- The solution had to be simple enough to allow even inexperienced employees to operate
- The project had to remain within the customer's stipulated budget

Solution

- Zyxel Security Solution

Results

- A new robust network that enables seamless remote work without cybersecurity concerns
- Easy installation and operation that allows all kinds of staff to use the solution
- A cost-efficient solution that met all the technical and budgetary requirements of the customer

"There were no difficulties in the installation. The staff was initially concerned about having to work with a new network. But, eventually, when things were performing exceptionally well and did not require our close attention, everyone was pleased."

Kirill Osovsky
IT Director, Unix LLC

Background

Unix LLC employs 50 people. In the spring of 2020, the company's management was forced to transfer most of its people to work from home. The simplest method of connection was used - a remote desktop. To maintain a secure connection, employees had to use complex passwords to connect to the corporate network and change them periodically. This was an inconvenient process for both ordinary workers and the integrator's IT service. Also, Unix's network system did not have robust security systems, and hackers could easily breach it. The inefficient system that the company used for remote work ended up compromising its network security.

Challenges

The company decided to completely rebuild the system of remote connection to the organization's network, using specialized network security equipment. A significant challenge was that the entire system had to be simple enough to use for even people with very little technical know-how. Unix also wanted the network to offer seamless connectivity across platforms while ensuring the costs remained within their limits.

"The major requirement for this project was the ease of use," says Kirill Osovskiy, IT Director of Unix LLC. "The new solution had to be easy to use for inexperienced IT employees, administration, and support. Besides, it should support the most modern VPN protocols, and be compatible with all popular operating systems. Also, adequate system cost was essential."

Solutions and Benefits

In order to avoid the repetition of such cybersecurity incidents in the future, the Unix management decided to completely modernize the system of remote connection to the corporate network. They wanted to purchase state-of-the-art equipment that allowed employees to connect to the organization's network using a VPN, install a reliable firewall, and start content filtering of incoming traffic.

Unix screened several of the world's largest manufacturers of network equipment. Finally, Zyxel Networks was selected because of its right mix of product and price, as well as the availability of all the necessary functionality.

Since Unix is a systems integrator, it was carried out all the work independently. It took the company's specialists only a week to connect the equipment and deploy VPN channels. The company deployed one **ZyWALL ATP200 ATP Firewall** and two GS1920 series switch to build the whole infrastructure to connect remote workers.

Osovsky continues: "The installation was simple. Working with a new network is always a concern as staff needs to familiarize themselves with it. But now everything is working well and does not require close attention from our side."

With smart cloud intelligence and multilayer protection, Zyxel's top-notch security firewall effectively restricts risky online behaviors and blocks threats through default bundled security. It also continually adapts to new and advanced attacks to prevent all hidden threats.

The latest technology protects Unix through web, application, and email security functions via filtering of content, URL, and IP reputation. To ensure protection against zero-day attacks, ATP200 provides an isolated cloud environment that quarantines unknown files to identify new malware types that conventional static security mechanism cannot detect.

The firewall can also provide high-speed, high-security VPN connectivity, allowing secure remote access from remote employees. Featuring load balancing and failover, the easy-to-use VPN can ensure high-availability services for reliable and always-on communications.

The installation gave Unix reliable VPN connectivity that helps it achieve efficient and consistent remote work. Zyxel's state-of-the-art security technology ensures that the company's network is protected from all kinds of cyberattacks around the clock. The solution's ease of use also makes work and life easier for all types of employees at the company.

ZYXEL
N E T W O R K S

Products Used

ZyWALL ATP200 • ATP Firewall

- Machine learning threat intelligence with global sync
- Sandboxing defeats unknown threats
- Hybrid scanning leveling up malware blocking
- High assurance multi-layered protection
- Reporting and analytics on cloud and device
- 1-Year fully functional license services
- Robust SSL, IPSec and L2TP over IPSec VPN connectivity
- Supports easy-to-use SecuExtender VPN Client for remote client-to-site access

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GS1920v2 series • 8/24/48-port GbE Smart Managed Switch

- NebulaFlex™ gives you the flexibility to switch between stand alone and our license-free Nebula cloud management
- Nebula cloud management allows easy deployment, real-time configurations and effortless access to all your cloud devices anytime
- Using user-friendly web-based GUI to manage and set up the switch without learning complex CLI
- Smart fan and fanless designs offer silent operations in your office
- Check real-time status intuitively by cloud and PoE LED indicators

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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.