Success Story

Belarusian Road Equipment Manufacturer Paves the Way to Success with Zyxel Wired and Wireless Solution

INDUSTRY
SMB

CUSTOMER
STiM Group

COUNTRY
Belarus

SOLUTIONS
Zyxel wired & wireless solution

Overview

Challenges

- Upgrade legacy network to meet the bandwidth demands of growing company
- Provide workers at branch offices with remote access to corporate resources
- Network solution must be secure and stable
- Solution must be simple to set up and manage by company's own IT personnel

Solution

- Zyxel wired and wireless solution

Benefits

- Branches across multiple regions and countries can now access corporate data and resources
- IT staff can centrally manage and monitor network access and resources
- Solution is future-proof and scalable to meet continuing growth needs
- USG and VPN firewalls provide remote users with comprehensive security

"We have achieved all the goals we set ourselves. During the operation, the [Zyxel] solution showed itself only on the positive side; no big issues during the installation process. I would recommend Zyxel to others."

Igor Kalyutich
Head of IT department, the STiM Group

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Background

Founded in 1998, STiM Group is a manufacturer of road marking and building machinery. The company produces almost the entire range of marking machines, using the latest technology and parts from the best manufacturers around the globe.

The company's corporate office is in the Brest Free Economic Zone, which is situated on the boundary of the CIS and the EU. Today, the company continues to expand its presence in Russia, Belarus and Poland with around 900 employees in 15 cities.

Challenges

When the legacy network was set up in 2013, the company was still comparatively small and only required a local network with unmanaged switches and separate WiFi routers to handle network traffic from 150 desktops in the head office in Brest, Belarus. As operations grew and expanded into new regions and countries, demand also increased for higher quality network service. A growing enterprise that was taking on ever more ambitious tasks needs transparent and secure internet connections for employees at remote branches to access to corporate resources. This would require upgrading the STiM Group's entire network infrastructure.

Solutions and Benefits

The IT department of the STiM Group decided to carry out all the work on its own. The company laid out key criteria when choosing the best solutions for the project: easy deployment, simple configuration, and a local technical support team. In all these areas, Zyxel stood out from the competitors.

The company's growth demanded that STiM Group provide employees outside the corporate headquarters with remote access to network resources. To meet these requirements, IT staff deployed ZyWALL unified security gateways and VPN firewalls, providing individual branch offices with secure remote access to corporate networks and data. Parallel work was carried out to improve conditions for internet connectivity across all offices.

By 2018, the STiM Group continued to increase its network security and productivity by replacing the legacy firewall with the advanced ZyWALL USG1100, which integrates Zyxel AP Controller technology. Now, IT staff can manage access points from a centralized user interface. It only took the IT team one day to seamlessly complete the configuration and optimization, an effort that was nearly imperceptible for network users.

The corporate office can now meet the bandwidth demands of around 300 PCs, 100 IP-based surveillance cameras, and 40 printers. Branch offices have boosted productivity by allowing employees to easily access to corporate resources via secure remote connections.

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Products Used

ZyWALL USG1100 • Unified Security Gateway

- UTM Firewall for medium- and large-sized businesses and campuses
- Anti-malware protection with Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP, and Application Protocol
- Patrol and SSL inspection
- Robust SSL, IPSec, and L2TP over IPSec VPN connectivity and VPN High Availability (HA)
- Unified security policy
- Device HA Pro ensures smart handover
- Hotspot management supported

ZyWALL USG60 • Unified Security Gateway

- All-in-one Next-Generation Firewall for small businesses
- Complete network protection with Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP, and Application Patrol
- Robust SSL, IPSec, and L2TP over IPSec VPN connectivity
- Unified security policy
- Cloud Helper makes firmware upgrades a breeze and ensures their authenticity and reliability

USG20-VPN/USG20W-VPN • VPN Firewall

- Robust hybrid VPN (IPSec/ SSL/L2TP over IPSec)
- Facebook WiFi, Intelligence social media authentication
- Auto-provisioned client-to-site IPsec setup with Easy VPN
- More secure VPN connections with SHA-2 cryptographic
- Device HA Pro dedicated heartbeat port ensures smart handover
- Hotspot management for authentication, access control and billing

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NWA5121-NI • 802.11n Unified Access Point

- Ceiling- and wall-mountable design with optimized RF performance
- 2-in-1 standalone/managed AP design
- CAPWAP management supported
- Simple, speedy deployment with APFlex™ and Zyxel One Network utilities

About Zyxel Communications

Focused on innovation and customer-centricity, Zyxel Communications has been connecting people to the Internet for nearly 30 years. Our ability to adapt and innovate with networking technology places us at the forefront of creating connectivity for telcos and service providers, business and home users. Zyxel is 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.