



Success Story

Russian Dairy Factory Successfully Builds a Secure and Centralized Network with Zyxel Security Solution



Manufacturing

INDUSTRY



CUSTOMER

EkoNiva



COUNTRY

Russia



SOLUCIÓN

Zyxel
Security
Solution

Overview

Challenges

- Connect different branches and headquarters with a single network
- Set up a robust security system to ensure protection against data breach
- Provide a solution that would facilitate the company's growth and business development plans

Results

- Five branches and headquarters connected with a single, reliable network
- VPN tunnel and firewall installed to secure the system against any malicious attacks
- A future-ready solution that allows the company to focus on its operations without worrying about the network requirements

Solution

- Zyxel Security Solution

Summary

EkoNiva Foods, a leading Russian milk producer, wanted to connect its different branches with a single, secure network. The company decided to use Zyxel's solutions for this, as it had already used Zyxel products for other purposes. With Zyxel's support, the EkoNiva's IT team set up a VPN tunnel and firewall that ensures a centralized communication system and secure connectivity. The solution has enabled EkoNiva to focus on its business operations, assured that its network infrastructure would support any plans to expand the business.

Background

EkoNiva Foods, part of the EkoNiva-APK, is one of the largest milk producers in Russia and Europe. With over two decades of experience in the industry, the company has consistently adopted the latest technology for its operations and combined them with time-tested traditional practices. EkoNiva Foods has five branches, which employ several

hundred employees. The management wanted to unite all these branches with a single network to ensure the ongoing and effective development of the company. With Zyxel's support, the company has now connected several of its remote divisions with a dependable VPN network.

Challenges

EkoNiva wanted to equip its divisions with a reliable firewall and VPN solution that could bring its remote offices under a single, secure network for the hassle-free exchange of data and information. The company had five branches, and the network had to connect all these to the headquarters while ensuring that there would be no chance of it being breached by a third-party. The successful implementation of the network was critical to the business operations and development of EkoNiva.



Solutions and Benefits

EkoNiva wanted to set up IPSec VPN connections between its branches. Since the company had already used Zyxel equipment and was familiar with its benefits, they decided to use Zyxel products for this project as well.

The IT department of Econiva Foods was in charge of the implementation of the project. The **ZyWALL VPN100 VPN Firewall** and **ZyWALL USG310 Unified Security Gateways** were chosen for the project. The most time-consuming stage of implementation was setting up an HA-cluster simultaneously with VPN connections.

The ZyWALL VPN100 builds a high-efficiency VPN tunnel and supports VPN load balance/failover to ensure always-on communications and non-stop services among branches. It also provides active-passive device High-Availability (HA) service to support device or connection failover to enable stable operation even in mission-critical deployments. The ZyWALL VPN100, with AP Controller technology, allows users to manage APs

from a centralized user interface, allowing administrators to deploy or expand a managed WiFi network with minimal effort.

To safeguard the company's data, the USG310 gateways were put in place. The gateway provides the factory with UTM features such as Anti-Malware, Anti-Virus, Anti-Spam, Content Filtering, IDP, and Application Patrol, protecting the organization's network, personal data, and critical resources from cyber threats.

ZyWALL USG310 supports 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.

Products Used

ZyWALL USG310 • Unified Security Gateway



- Unified Security Gateway Firewall for small- and medium-sized businesses
- Complete network protection with firewall, Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP, and Application Patrol
- Unified security policy
- Cloud Helper makes firmware upgrades a breeze
- Device HA Pro ensures smart handover
- Hotspot management supported

ZyWALL VPN100 • VPN Firewall



- Validated by Microsoft Azure and Amazon AWS for SMB convenience
- Robust hybrid VPN (IPSec/IKEv2 and L2TP over IPSec VPN)
- Comprehensive connectivity with hospitality and AP controller integrated
- Uninterrupted services with Multi-WAN Failover and VPN High Availability

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.

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