Success Story

Russian Dairy Company Gets Modern, Multisite Connectivity with Zyxel Wireless Solution

INDUSTRY
Food and Beverage

CUSTOMER
Milk House

COUNTRY
Russia

SOLUTION
Zyxel Wireless Solution

Overview

Challenges

• Replace outdated equipment with modern devices
• Establish foundation for site-to-site connectivity
• Allow for continuous network access, even while roaming

Solution

• Zyxel Wireless Solution

Results

• Networks at central and remote locations fully integrated
• Fast, easy deployment means minimal disruption to workflow
• Reliable local presence for continual support

"The network stability allows us to provide the highest quality of service to our customers. Thanks to the Zyxel team and DELC for their contributions to the development of our company."

Roman Scheblykin
Technical Director, Milk House

ZYXEL

Background

Milk House is a growing company specializing in the production of commercial dairy products. With 150 employees and more expansion in the works, the enterprise had recently been looking to upgrade its network infrastructure in a way that unified activity across its four branches.

Challenges

The priority for Milk House was finding a solution that could deliver a high level of performance. Since the current network infrastructure was outdated and unable to meet all of their manufacturing needs, they hoped the upgrade would consist of cutting-edge, future-proof devices. Second, the solution needed to do more than just build the foundation for a modern site-to-site network. It also had to deliver roaming capabilities that would enable employees to move freely between branches without losing connectivity.

Solutions and Benefits

DELC, a local system integrator, was brought in to oversee the project. After weighing bids from global network manufacturers, they chose to work with Zyxel. "We didn't just test the products for functionality," explained Igor Chusov, DELC project manager. "Our team paid attention to the conditions of warranty, technical support, and the manufacturer's representation in Russia. By a combination of all these factors, in addition to price, Zyxel was the best option."

They started the project by installing a firewall and core switch at the central office. The **ZyWALL 110 VPN Firewall** is designed for businesses like Milk House that need a secure, multisite network, while the **GS1200-8HPv2 8-Port Web Managed PoE Gigabit Switch** is ideal for powering up and coordinating peripheral devices, such as wireless access points, security cameras, and IP phones. The **NWA5123-AC 802.11ac Dual-Radio Unified Access Point** was selected to handle WiFi duties. Its high-efficiency antenna and meticulous design allow it to provide superior coverage and connection speed, no matter the wireless environment. These devices link to the **NXC2500 Wireless LAN Controller**, which makes access point deployment and management a breeze. The entire project only required a single technician and was completed in two days.

"The client's goals were completely fulfilled," Chusov said. "At the same time, their representatives were pleasantly surprised by the network's performance, cost, and ease of maintenance." This satisfaction has prompted Milk House to plan further expansion across Russia, for which additional Zyxel equipment will be ordered and deployed. At Zyxel, local presence and support is just as important as product design. It's a reason why companies stick with Zyxel as they grow from emerging startups to successful enterprises.

ZYXEL

Products Used

ZyWALL 110 • VPN Firewall

- Robust hybrid VPN (IPSec/SSL/L2TP over IPSec)
- Facebook WiFi for intelligent 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
- Integrated AP controller as central management to provide flexible deployment options

GS1200-8HPv2 • 8-Port Web Managed PoE Gigabit Switch

- Four Gigabit high-power PoE+ ports
- 60 watt total PoE budget
- Intuitive Web management
- Quality of Service for better traffic control
- Multicast IGMP snooping v1/v2, and v3 compatible for streaming applications

NXC2500 • Wireless LAN Controller

- Auto provisioning and centralized management of up to 64 APs*
- Zyxel Wireless Optimizer for easy planning, deployment, and maintenance
- Advanced ZyMesh technology for streamlined AP deployment and WLAN extension
- Enhanced RF management with auto healing
- Flexible traffic forwarding with tunnel and distributed modes
- Comprehensive guest network management and granular access control

* Management of 64 APs is supported with firmware version V4.10 or later

NWA5123-AC • 802.11ac Dual-Radio Unified Access Point

- Ceiling- and wall-mountable design with optimized RF performance
- 2-in-1 standalone/managed AP design
- CAPWAP management supported
- Enterprise-class 2x2 802.11ac AP supports combined data rates of up to 1,200 Mbps
- Simple, speedy deployment with APFlex™ and Zyxel One Network utilities

About Zyxel

Focused on innovation and customer-centricity, Zyxel 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.