



Success Story

Kitchen Manufacturer's Network Back in Style with Zyxel Wireless Solution



Manufacturing

INDUSTRY



CUSTOMER

Stylish
Kitchen



COUNTRY

Russia



SOLUTIONS

Zyxel
Switching
Solution

Overview

Challenges

- Existing network is overly complex and difficult to manage
- Devices from multiple manufacturers lack synergy
- Outmoded infrastructure lacks reliability and scalability

Results

- State-of-the-art firewalls ensure network security
- Comprehensive routing system delivers speed and reliability
- Single management interface enables easy configuration

Solutions

- Zyxel Switching Solution

"The installation was methodical, requiring careful planning and deployment of devices. In the end, everything was up and running as we'd hoped. We won't hesitate to recommend Zyxel in the future."

Vladimir Bondarenko
Technical Director, Stylish Kitchen

ZYXEL

Background

Stylish Kitchen has been producing household furniture for over two decades. The Russian manufacturer has experienced tremendous expansion since its inception, as evidenced by its 25 salons, training center, and state-of-the-art factory. Instead of moving its outmoded infrastructure to the new factory, the growing business decided to give itself a well-deserved network upgrade.

Challenges

The kitchen manufacturer's existing network infrastructure suffered from being unduly complex and poorly designed, making it a burden to manage and troubleshoot. The fact that it was also composed of devices from different



companies didn't make matters any easier. The manufacturer's IT team hoped to build a more modern, reliable, and scalable network—this time with the hardware of a single, trusted company.

Solutions and Benefits

After considering several other network companies, Stylish Kitchen chose to work with Zyxel for its favorable price-performance ratio and hassle-free device management.

To ensure that the network would remain secure, two powerful firewalls were deployed. The **ZyWALL 110 VPN Firewall**, responsible for the core routing, can be remotely managed via secure VPN connections. The **ZyWALL USG60 Unified Security Gateway** delivers complete network protection with robust UTM capabilities, content filtering, and VPN functionality.

A group of five different switches worked together to facilitate fast and stable data transfers. The **GS2210-24 Gigabit Layer 2 Switch** boasts comprehensive L2 features and IPv6 compatibility. The other switches—the **GS1900-24HP**

and **GS1920-48HP** are able to be managed easily within an intuitive browser interface.

The network took a month and a half to install and configure, according to Vladimir Bondarenko, technical director at Stylish Kitchen. Despite encountering minor issues when configuring VLANs on one of the switches, his team was able to complete its work without a hitch thanks to Zyxel's reputable IT support. When all was said and done, 100 Zyxel devices had been installed.

With its legion of powerful switches and ZyWALL technology serving as a vigilant gatekeeper, Stylish Kitchen and its brand-new production facility were ready for even more growth in the future.

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
- Securer VPN connections with SHA-2 cryptographic hash function
- 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

GS2210-24 • 24-port Gigabit L2 PoE Switch



- High power budget of 375 W
- L2 multicast, IGMP snooping, MVR, and voice VLAN for convergence
- Enhanced network protection with IP source guard, DHCP snooping, ARP inspection, and CPU protection
- L2, L3, and L4 filtering, MAC freeze, port isolation, and guest VLAN for improved isolation and access control

GS1920-48HP • 48-port Gigabit Smart Managed PoE Switch



- Easy-to-manage, rich L2 features with user-friendly, browser-based management GUI
- Supports PoE+ standard to offer 30 W per port and a high PoE power budget of 375 W
- Smart fan design ensures silent operation in both desktop and rack-mounted environments
- Supports ZON Utility and Smart Connect to simplify network management and maintenance

GS1900-24HP • 24-Port Gigabit Smart Managed PoE Switch



- 10/100/1000 Mbps GbE ports
- PoE power budget of 170 W
- Easy, browser-based switch management
- Quick and easy setup wizard
- Advanced network error prevention features (loop protection, dual images, storm control, DoS, and SSL)
- High-power PoE support IEEE 802.3a

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.

Copyright © 2019 Zyxel Communications Corp. All rights reserved. Zyxel, Zyxel logo are registered trademarks of Zyxel Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.