



Success Story

Ukrainian Court Rules in Favor of Zyxel Network Upgrade



Government



The Court of Appeals for the Kirovograd Region



Ukraine



Zyxel Switching Solution

Overview

Challenges

- Improve network's ability to process sensitive data
- Upgrade infrastructure while retaining network access
- Conduct massive overhaul during limited office hours

Results

- Greater network speed and reliability
- Secure access to electronic documents
- Scalable infrastructure allows for network growth

Solution

- Zyxel Security Solution

"Everything is working 100-percent according to plan. Now there are more than 200 workstations in the court, each of which has access to our digital documentation system. And this is just the beginning. Not only did we want to meet our immediate needs, we wanted to meet the needs of the future."

Natalia Slyusarenko
IT lead

The Court of Appeals for the Kirovograd Region

Background

The Court of Appeals for the Kirovograd Region is situated in the Ukrainian city of Kropyvnytskyi. Before serving a judicial function, the building that houses the Court was the residence of K. V. Sokolov-Borodkin, a state counselor. Although the interiors have been refurbished and modernized over the years, the façade and architectural structure have remained largely the same. In 2018, to comply with government regulations, the court needed a network upgrade.



Challenges

The Kirovograd Court processes a large amount of data on a daily basis. Maintaining the integrity of this data is essential. This is one of the principal reasons the court needed to install more powerful and efficient switches.

To achieve this, network techs would only be permitted to work during Monday-to-Friday office hours. They would also need to ensure that portions of the network were still accessible to staff, so as to limit the disruption of services.

Solutions and Benefits

After considering several other well-known networking companies, the Court put its faith in a Zyxel solution. The installation of the new switches took about two weeks to accomplish. "It may seem like a long time," commented Print Image's director, Denis Saltanov. "But it's necessary to take into account the fact that the Court did not stop working during this period and only shut down parts of the network at a time."

By deploying the **GS1920-24HP Gigabit Smart Managed PoE Switch** and **GS1100-24 Gigabit Unmanaged Switch**, the Court was able to more quickly, effectively, and securely process the constant flow of data. The GS1920 series offers gigabit connectivity with an array of features, such as unique port combinations, PoE capability, and the Zyxel

One Network, which aims to relieve IT staff of repetitive deployment and management operations. The GS1100 offers similar convenience: instant gigabit connectivity, impressive energy efficiency, and the cost-effective deployment of high-bandwidth network applications, such as APs and security cameras.

Since the upgrade, the amount of data transmitted across the network has doubled, and the scalability offered by Zyxel's switches will make it easy for the Court to adjust to even greater data demand in the future. Aiming to set up WiFi throughout the entire building in 2019, the court has laid the groundwork for a network that's the definition of futureproof.

Products Used

GS1920-24HP • 24-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

GS1100-24 • 24-Port Gigabit Unmanaged Switch



- Non-blocking, wire-speed transmission
- Two SFP ports for easy long-distance deployments
- IEEE 802.3x Flow control supported
- IEEE802.3p CoS supported
- Fanless design

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.

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