

Belgiprodor

Network Refresh Sends Data Rates through the Roof at Belarusian State-owned Enterprise

Customer at a glance



Customer Name

BelGiproDor



Industry

Public sector



Country

Belarus



Customer Background

A part of Belarus' Ministry of Transport and Communications, BelGiproDor is a state enterprise charged with providing architectural and construction design and engineering survey services for highways, airfields, and more.



"We're very grateful to Datastream and Zyxel Networks for their quality support at every step of the process, from consultation to equipment selection to installation to after-sales service. This new technology immediately made life easier and work faster for our enterprise's employees."

Oleg Silich
IT Department Head, BelGiproDor

Summary

With its existing network infrastructure nearly a decade old, BelGiproDor needed to increase the access speed to its server storage systems and other IT services. The network refresh was also necessary to ensure the network had security protections capable of fending off modern cyberthreats. After a tender involving five leading global manufacturers, the project went to Zyxel and was completed by two people over the course of a month. "In addition to our many technical requirements, we prioritized a supplier who offered reasonable prices, free firmware updates for all devices, a limited lifetime warranty, and support for cloud-based, centralized management," BelGiproDor's IT head Oleg Silich says. "We also wanted a supplier with an official representative office here in Belarus." Zyxel's partner AXATA carried out the equipment delivery and installation with follow-up assistance provided by Zyxel's official distributor in Belarus, Datastream DEP. Nine communication cabinets, each with two switches, were deployed across the company's five-floor HQ. Zyxel's USG FLEX 500 firewalls were chosen to protect the network, and all network devices are connected to the server room via 10-Gigabit ethernet. Now with the 500 employees able to transfer extremely large files, like drawings and 3D models, in seconds, BelGiproDor's operations have never been so efficient.

Challenges

- Replace outdated network equipment that has been in operation for almost a decade
- Raise the volume and speed of work by deploying a new 120TB storage system
- Ensure the new network and its data are protected against unknown cyberthreats

Benefits

- Increased access speed to server storage systems and services by replacing 100-Mbps access-level switches with Gigabit switches featuring PoE and 10Gb uplink optical interface
- Expanded management capabilities thanks to new equipment's support of cloud-based monitoring technologies
- Strong perimeter security from modern firewall with HA high-availability mode

Product used

- USG FLEX 500 UTM Firewall
- XS3800-28 L3 Aggregation Switch
- XGS1930-28/52HP Smart Managed PoE Switch