



Success Story

Liberty Hotels Lykia Renews Its Network Infrastructure via ZyXEL Technology

Overview

Customer Name

Liberty Hotels

Customer Industry

Hospitality

Challenges

- Upgrade hotel's network infrastructure
- Solution must be future-proof for further expansion
- Provide stable and uninterrupted service throughout hotel
- Provide centralized management

Solutions

- L3 Managed stackable Gigabit Ethernet Switch
- 8/24/48-port GbE Layer 2 switch
- Enterprise Network Center (ENC) Centralized Network Management tool

Benefits

- High-performance and flexible network performance
- Easy to expand network-based services
- Stable and resilient architecture
- Backup power support
- Port security with advanced authentication
- POE energy saving mode
- Secure centralized management
- Easy-to-use management dashboard

Background

Located at Fethiye Ölüdeniz coast, Liberty Hotels Lykia is one of the most popular holiday destinations in the region, featuring a 750-meter-long exclusive beach, 19 swimming pools, golf course and select spa center. Providing a wide range of activities from diving

to paragliding, Liberty Hotels Lykia aims to continuously increase customer satisfaction by offering top- quality services for domestic and foreign tourists.

Challenges

Liberty Hotels Lykia required an update of its network infrastructure in order to providing secure and uninterrupted Internet access throughout the hotel. Once the upgrade was complete, the hotel

would be equipped to increase customer satisfaction by offering top-level network-based services throughout its facilities.

Solutions and Benefits

Detailed analysis was performed at Liberty Hotels Lykia to determine the customer's needs and identify the appropriate solution. It was decided that the ZyXEL XGS-4728F intelligent Layer-3 Gigabit Ethernet switch and GS2200 Series 24/48-port GbE Layer-2 switch were the optimal choices to create the infrastructure for the project. A high-performance environment was created by deploying Gigabit switches across the newly designed network infrastructure.

To streamline network management, the Enterprise Network Center (ENC) network management software was implemented. This software is a comprehensive network management tool for the centralized management of ZyXEL networking equipment, and can be installed quickly and access IP networks easily.

As a result of the ZyXEL solution, the network infrastructure at Liberty Hotels Lykia was improved significantly. Hotel is now able to function more efficiently and respond more effectively future business needs.

In keeping with its vision for a future-proof network, Liberty Hotels Lykia is committed to maintaining a technological infrastructure that is ready to meet the demands of both today and tomorrow. Detailed analysis and preliminary examination determined how to best create a flexible network that could adapt and evolve with new advances technology and a changing hospitality business environment.

ZyXEL XGS-4728F and GS2200 series switches were selected because they not only offer the most suitable solution for highly intensive

Gigabit Ethernet environments, but they also feature management compatibility with future IPv6 technology. Along with the centralized control offered by the ENC network management application, this combination of equipment and software allows Liberty Hotels Lykia to assemble a next-generation network infrastructure capable of handling present needs while preparing for those of the future.

Özkan Taşlıçalı, project manager of ZyXEL premium solution partner Dosbil Computer, said, "We successfully completed the design and installation of network, multimedia, security and communication systems for the project. A key factor was our cooperation with Söktel Telekom, which has implemented important projects in the region and is providing solutions with its professional team in hotel systems, including switchboard, fire alarm and security systems, as well as closed circuit TV systems."

Taşlıçalı added, "By correctly determining the expectations and needs of Liberty Hotels Lykia with the help of Söktel Telekom, we put together a stable solution using the advanced technology offered by ZyXEL for a complete hardware and communication infrastructure."

Erdem Timur Koca, ZyXEL channel project sales manager, remarked on the factors contributing to the success of the project, "When implementing the Liberty Hotels Lykia infrastructure, time, cost and quality were very important for us. Success was achieved by carefully managing these factors throughout the project."

Product Used



XGS-4728F L3 Managed stackable Gigabit Ethernet Switch

- IPv4/IPv6 Routing
- L3 advanced routing protocols, OSPF, DVMRP, VRRP and ECMP
- Optional modular 10 Gigabit Ethernet support
- Multilayer-aware (L2/L3/L4) ACL for security protection and traffic optimization
- Guest VLAN
- IGMP Snooping v1, v2, v3, MVR
- sFlow, CPU protection
- RSTP, MSTP, MRSTP, VRRP



GS2200 Series 24/48-port GbE Layer 2 switch

- Comprehensive L2 switching features non-blocking switch fabric Dual-personality (RJ-45/SFP) GbE interfaces
- Port security and enhanced 802.1X port authentication
- MAC freeze and intrusion lock
- 8 IEEE 802.1p hardware priority queues
- WFQ, WRR and SPQ queuing algorithms
- IPv6 Ready Logo approved

About ZyXEL Communications

ZyXEL Communications Corp., founded in 1989 and headquartered in Taiwan, is the leading provider of complete broadband access solutions. As one of the early modem manufacturers, ZyXEL has gone through transformations in the fast-paced networking industry. Delivering cutting-edge communications innovations to more than 400,000 businesses and more than 100 million consumers throughout the world, today ZyXEL is one of the few companies in the world capable of offering complete networking solutions for Telcos, small to medium-sized businesses, and digital home users for a wide range of deployment scenarios. Telco solutions include Central Office Equipment, Customer Premise Equipment, Wired and Wireless Access Network Devices, and Carrier Switches. SMB and Enterprise solutions include Unified Security Gateways, LAN Switches, WLAN, and IP Telephony. Digital Home solutions include Network Connectivity Devices and Multimedia Solutions.

The company has 1000 employees and distributors in 70 countries, reaching more than 150 regional markets. The ZyXEL Communications Corp. includes 35 subsidiaries and sales offices and two research and development centers worldwide. For more information, visit the company's Website, <http://www.zyxel.com>.

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