Success Story

Luxurious Hotel in Istanbul's Old City is Transported into the Future with Zyxel Nebula Solution

INDUSTRY — Hospitality

CUSTOMER — Darüssaade Boutique Hotel

COUNTRY — Turkey

SOLUTIONS — Zyxel Nebula Solution

Overview

Challenges

- Overhaul the hotel's wired and wireless network infrastructure
- Upgrade network devices to meet the growing needs of patrons and hotel staff
- Create a system where network devices can be easily managed from a single point

Benefits

- Established a modern, future-proof network infrastructure
- Set up Nebula's cloud system, allowing active network devices to be controlled and managed with ease
- Hotel guests were provided a fast and powerful network experience

Solution

- Zyxel Nebula Solution

"It is an important part of our business strategy to offer our customers seamless, fast, and secure internet access. The successful partnership of Zyxel Solutions and MEB Computer is well-known throughout the tourism sector.

With this project, which we have implemented in a very short time, we have successfully met the growing expectations of our customers."

Zuhal Toprak
Hotel Owner, Darüssaade Boutique Hotel

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Background

The Darüssaade Boutique Hotel was built around the wooden frames of a 19th-century mansion. Situated conveniently within Istanbul's Old City, this four-star hotel was completely renovated in 2007. Each of the 22 luxurious, family-friendly rooms features unique designs, patterned wallpapers in different colors, and furniture that synthesizes Ottoman and Western style.

Dining options include a restaurant and café, as well as a complimentary Turkish breakfast served in the Seaview terrace section, one of the many popular spots in the hotel. The Darüssaade also offers free WiFi throughout the premises: a modern touch that transports the historic landmark to the 21st century.

Challenges

WiFi has quickly become an essential hotel amenity. Just as technology continues to evolve exponentially, travelers have increasingly demanding expectations when selecting their home away from home: quick and reliable network connection, high-res digital TV with an array of on-demand options, and even the technological capability to handle anything from a small business meeting to a packed conference hall. These all require a fast, robust, and secure network.

In order to meet these expectations, the Darüssaade needed an overhaul of its existing network infrastructure and the power of modern network devices. To achieve this, the hotel called in MEB Computer, a local Zyxel partner and experienced system integrator.

Solutions and Benefits

To carry out the extensive upgrade, the network was built with **GS1900-8HP gigabit smart managed PoE switches**, which help simplify communications for complex networks. At the periphery of the network are the **Nebula cloud access points – NAP102**. The Nebula centralized management interface has made controlling and intervening in network services many times easier than traditional network management. In fact, since Nebula is cloud-based, the administrator doesn't even need to be on-site to intervene if something goes wrong

After the project's successful completion, the historic hotel could now boast having the powerful network that travelers crave and the convenient, cloud-based tools to manage it.

"We are very happy to provide the service the Darüssaade Boutique Hotel needed," stated Mustafa Nur, Project Manager of MEB Computer. "We offer Zyxel's state-of-the-art products to our customers in line with their needs.

In the future, we will continue to implement similar projects in different areas together with Zyxel."

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Products Used

GS1900-8HP • 8-port Gigabit Smart Managed PoE Switch

- Gigabit connectivity
- High-power PoE support IEEE 802.3at
- Easy browser-based switch management
- Quick and easy setup wizard
- Advanced network error prevention features (loop protection, dual images, storm control, and DoS, SSL)
- Fanless design

NAP102 • 802.11ac Dual-Radio Nebula Cloud Managed Access Point

- Cloud-managed, dual-radio 2x2 MIMO 802.11ac access point
- Supports combined data rates of up to 1.2 Gbps
- Self-configuration and zero-touch deployment
- Enterprise-class security and RF optimization
- Dynamic channel selection, load balancing, and smart client steering

Nebula Control Center (NCC)

- Responsive web design and intuitive user interface
- Multi-tenant and multi-site view
- Role-based administration privileges
- Real-time as well as historical monitoring and reporting
- Site-based auto and smart configuring tools
- Misconfiguration protection to prevent NCC disconnections
- Rich site-wide management tools (dashboard, map and floor plans, and topology)

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.