Success Story

Atmospheric Golden Horn Café Adds WiFi to Its Menu with Zyxel Nebula Solution

INDUSTRY Hospitality	**CUSTOMER** Giriftar Café	**COUNTRY** Turkey	**SOLUTIONS** Zyxel Nebula Solution

Overview

Challenges

- Construct a fast, stable, and secure network
- Ensure that both levels of building have WiFi coverage
- Provide ability to easily manage network off-site

Solutions

- Zyxel Nebula Solution

Benefits

- Cutting-edge WiFi met network needs of patrons and staff
- VLANs to separate user classes delivered security benefits
- Remote cloud access made troubleshooting easy

"As soon as you step through the door of our café, you'll be fascinated by its authentic atmosphere. Its modern decor, one-of-a-kind sea views, and two-story spaciousness will be sure to conquer your heart. We're fortunate enough to have a lot of visitors every day, and it's important to make sure we're giving them an all-around great experience—which includes fast, reliable internet access. That's why we're thrilled MEB Computer was able to help us set up Zyxel's products throughout the café. Now we have the long-term network solution that we were hoping for."

Hacı Ümmet Kavak
Business Partner, Giriftar Café

ZYXEL

Background

The Giriftar Café opened in the Suleymaniye district of Istanbul in 2016. Since its inception, it has become a popular destination for those yearning for fine food, drink, and shisha—or hookah, as it's also called. A short walk from the popular Grand Bazaar, the two-story café offers a breathtaking view of the local skyline and the waters of the Golden Horn.

Challenges

As the internet continues to expand and evolve, so do the network needs of users—whether they are at home, at work, or on the go. This means that businesses large and small, regardless of the principal product or service being provided, are now being asked to cater to the network needs of their customers.

For social establishments, such as Giriftar Café, this obligation is magnified. Because the café is situated in such a populated section of Istanbul, the management

anticipated it would need a powerful network infrastructure to handle the perpetual flow of patrons and their wireless devices. It would also be important to ensure that WiFi signal strength was strong throughout the café's first and second floors. After all, what good is a panoramic view if you can't post the photo to social media? Lastly, the network would require both the durability and security to withstand the virtual slings and arrows of hackers, viruses, and malware.

Solutions and Benefits

Hoping that the network would be able to handle anything from a birthday event to a business meeting, the Giriftar's management team worked together with MEB Computer, a local Zyxel partner, to find a fast, reliable, and easy-to-maintain solution.

In order to ensure that customers would receive the same high-quality WiFi on both floors of the building, MEB Computer decided to deploy **NWA1123-AC PRO access points**. The dual-radio, 802.11ac AP marries superb design with impressive speed to produce a WiFi experience that will satisfy even the most curmudgeonly network users. The **24-port GS1920 gigabit smart managed PoE switch** would have the primary responsibility of directing the flow of network traffic, while also reducing the need for

additional wiring. The versatile switch has a security benefit, as well: VLAN capability, which allows for separate guest, employee, and management access. Manning the virtual gate? The **ZyWALL USG110 firewall**, which is guaranteed to assuage the security fears of small- and medium-sized businesses.

The access points can be easily managed—on site or remotely—with Zyxel's Nebula cloud technology. This affords café management the option of granting external parties, such as IT specialists at MEB Computer, administrative privileges. With a reliable and responsive tech team always by their side, the staff at Giriftar would be able to devote their full attention to café clientele.

ZYXEL

Products Used

ZyWALL USG110 • Unified Security Gateway

- Unified Security Gateway Firewall for small- and medium -sized businesses
- Complete network protection with firewall, Anti-Virus, Anti-Spam, Content Filtering 2.0, IDP, and Application Patrol
- Robust SSL, IPSec and L2TP over IPSec VPN connectivity and VPN high availability (HA)
- Unified security policy
- Device HA Pro ensures smart handover
- Cloud Helper makes firmware upgrades a breeze
- Hotspot management supported

GS1920 Series • 24/48-port Gigabit Smart Managed 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

NWA1123-AC PRO • 802.11ac Dual-Radio Dual-Mount PoE Access Point

- NebulaFlex™ gives you the flexibility to switch between standalone and license-free Nebula cloud management
- Nebula cloud management allows easy deployment, real-time configurations, and access to all your APs anytime
- Dual-optimized antenna for best performance in wall- and ceiling-mounted installations
- 802.11ac 3x3 support for combined data rates of up to 1.75 Gbps
- Robust build quality including solid-state capacitors to ensure long life and operational reliability

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.