



Enabling Seamless WiFi Roaming from Guest Rooms to the Beach

Overview

Fame Residence Lara & Spa, a beachfront resort in Antalya's Lara area, wanted guests to stay connected as they moved from their rooms to the elevator, pool, beach, and other areas of the property. Seamless handoffs between access points were therefore a top priority for the project. Working with partner Defline Teknoloji, Zyxel Networks delivered a network designed around this roaming requirement, with device placement carefully planned according to guest movement while balancing performance expectations with the resort's investment budget. The new infrastructure now provides reliable connectivity across indoor and outdoor areas, with access points, switches, and the firewall centrally monitored and managed through the Nebula cloud networking solution.

Challenges

Extending reliable wireless coverage across both indoor and outdoor areas required more than adding access points. The network had to maintain stable connections as guests moved between coverage zones, avoiding interruptions or the need to reconnect along the way.

The resort's old cabling required additional on-site work before deployment. At the same time, the chosen solution needed to deliver the required roaming performance without exceeding the project's investment budget.

Solutions

Defline Teknoloji first resolved issues with the resort's existing cabling and wiring transitions, creating a more reliable foundation for the new network. As Defline Teknoloji General Manager Ersen Gençaslan explained, "In this project, we paid special attention to the handoffs between access points. We fixed the issues in the old lines and positioned devices to match the areas where guests actually move. We achieved the connection stability we wanted with Zyxel Networks products."

Customer

Fame Residence Lara & Spa

Industry

Hospitality

Location

Kemerağzı Mevkii, Lara,
Antalya, Türkiye

Partner

Defline Teknoloji

Customer Background

Fame Residence Lara & Spa is a 559-room beachfront resort in Antalya's Lara area. The property features a 125-meter private beach, indoor and outdoor pools, a spa, and meeting facilities.



We had one non-negotiable requirement: the internet couldn't drop as guests left their room for the pool or the beach. We chose Zyxel Networks' products for their roaming performance and fit with our budget. With the right team and right device placement, we offer smooth connectivity even at the farthest corner of the property."

Adem Mert, IT Manager

Fame Residence Lara & Spa

The team determined access point locations based on how guests move between key resort areas. NWA1123ACv3 access points provide wireless connectivity in indoor spaces, while WAX655E outdoor access points extend coverage to the pool and beach areas.

The wired infrastructure includes GS1920-24HPv2 PoE switches, GS1350-26HP surveillance switches, and an XS3800-28 L3 aggregation switch. The USG FLEX 500 firewall provides robust network protection. The solutions provide the connectivity and power needed across the property, backed by robust cybersecurity.

The Nebula cloud networking solution brings management of the resort's access points, switches, and firewall into one place. The IT team can monitor device status and manage network configurations through a single cloud dashboard, simplifying oversight of equipment deployed across different parts of the property.

Results

The upgraded network now keeps guests connected across the resort, even in its farthest areas. According to IT Manager Adem Mert, proper installation and device placement deliver smooth connectivity even at the resort's farthest points, supporting the connection continuity the hotel set out to achieve for its guests. For the IT team, the upgrade has also made the network easier to oversee. Instead of managing equipment across different areas separately, administrators now have centralized network visibility through Nebula, making the resort's infrastructure easier to oversee and manage.

- Reliable wireless service reaching indoor, outdoor, and even the farthest areas of the resort
- Consistent guest connectivity while moving between different coverage zones
- Optimized AP deployment based on actual guest movement
- Simplified IT operations with centralized visibility and configuration through Nebula

Product List



- WAX655E WiFi 6 Access Point
- NWA1123ACv3 WiFi 5 Access Point



- XS3800-28 L3 Aggregation Switch
- GS1920-24HPv2 Smart Managed PoE Switch
- GS1350-26HP Surveillance Switch



- USG FLEX 500 Firewall



- Nebula Cloud Networking Solution

