ZYXEL
NETWORKS

Narven Thermal Town

Rebuilding a Network from the Ground Up for Sprawling Turkish Resort

Customer at a glance

Customer Name
Narven Thermal Town

Industry
Hospitality

Location
Bolu, Turkey

Customer Background

Narven Thermal Town is a popular destination for health and relaxation in Turkey, having racked up more than 3 million overnight stays and 25,000 time-share owners as of 2022. The accommodation includes 488 apartments and 15 villas, and the site's indoor and outdoor areas span an impressive 450,000 square meters.

NARVEN
TERMAL KASABA BOLU DEV[RE]ZIDANS

"This was a big project: renewing the network infrastructure of our facility from end to end. We'd like to thank Atasayar Teknoloji and the entire Zyxel team for their support in all the phases of the project, from nailing down the project scope, to project management, to selecting products and services, to where to install the equipment."

Serdar Yildiz
General Manager
Narven Thermal Town

Summary

Narven Thermal Town is one of Turkey's favorite places for a getaway, offering unforgettable experiences that recharge and rejuvenate visitors. But the perfect stay isn't possible without perfect wireless accessible from everywhere – and this was one box Narven Thermal Town didn't tick. Its management turned to local Zyxel partner Atasayar Teknoloji to turn things around. It has to ensure the new network could deliver high data rates to guests, and was always up and running properly. It also needed to be easy for staff to manage. The project saw the site's entire wired and wireless network infrastructure renewed. By utilizing an array of WiFi 6-enabled switches and access points, the new network can smoothly handle the traffic of up to 7,000 devices simultaneously. Meanwhile, the ATP800 ATP firewalls deployed keep all these connections highly secure without sacrificing speed or performance. And critically, all of the firewalls, switches, and APs used can be monitored and controlled through Zyxel's cloud-based network management platform, Nebula. For Narven Thermal Town, that means IT staff can manage the entire network from any browser – whenever, wherever – so they can keep it running at peak efficiency and keep guests happy around the clock.

Challenges

- Wired and wireless network capacity insufficient for all indoor and outdoor areas
- Active network devices unable to be managed from a single point
- Large footprint of the 450,000-square-meter site and its large number of rooms complicate network installation

Benefits

- Reliable connectivity supporting up to 7,000 active devices
- Secure network without sacrificing speed or performance
- Smooth, high-speed WiFi access across entire facility
- Simplified networking management via the cloud

Products used

- ATP800 ATP Firewall
- XS3800-28 L3 Aggregation Switch
- XGS2210-28/28HP/52 L3 Access Switch
- GS1350-26HP Smart Managed PoE Switch for Surveillance
- WAX610D/NWA210AX WiFi 6 Access Point
- WAC500H/NWA1302-AC 802.11ac Access Point
- GS1920-24HPv2 Smart Managed PoE Switch