

# Jeju Hotel

## Zyxel Nebula Solution Transforms Jeju Hotel from Dated to Elevated

### Customer at a glance



**Customer Name**

Jeju Hotel



**Industry**

Hospitality



**Location**

Jeju, Korea



### Customer Background

The Jeju hotel, featuring nine above-ground and two underground floors, was renowned for its stunning views, exceptional service, and luxurious amenities. However, the outdated and unreliable wireless network was a persistent issue for both guests and administrators. Furthermore, the network was challenging to manage, with numerous devices dispersed across multiple areas.

### Summary

When building a network for a large hotel with multiple rooms, it's essential to centralize the entire network for efficient management. Additionally, separating the network for different users and deploying suitable products is important to ensure smooth usage. Zyxel stepped in to revamp the network at the Jeju hotel, enhancing network management and providing seamless experiences for guests. Previously, the hotel encountered network issues due to the installation of basic routers in guest rooms and public spaces, which proved insufficient to handle the high volume of visitor traffic. To offer smooth wireless connectivity with optimal coverage, WAX610D and NWA90AX WiFi 6 APs were deployed to handle common area traffic with multiple users connecting to the network simultaneously. Additionally, the WAC500 AP was installed on the ceiling in each guest room to create a seamless WiFi environment. Besides, all WiFi names were unified under a single SSID to simplify network management. The roaming function automatically reconnected devices to nearby WiFi networks, eliminating the need for manual reconnection each time. Zyxel's Nebula cloud networking solution was adopted, enabling centralized device management and real-time monitoring of the entire hotel network. The new network at Jeju hotel sets a high standard for efficient management, showcasing how a high-performance network can take guest experiences to the next level. Guests now enjoy silk-smooth WiFi experiences; while IT administrators are on cloud nine with the easy-peasy interface that Zyxel serves up.

### Challenges

- Upgrade outdated network equipment to improve WiFi experiences
- Centralize the entire hotel network with an easy-to-use interface and real-time status updates

### Benefits

- Extensive network coverage and smooth connectivity, even in high-density areas
- Seamless and hassle-free WiFi for guests while moving within different areas
- High network visibility and real-time monitoring for efficient network management

### Products used

- USG FLEX 700 Firewall
- WAC500 802.11ac Access Point
- WAX610D 802.11ax Access Point
- XGS4600-32F L3 Aggregation Fiber Switch
- GS1920-24HP Smart Managed PoE Switch
- NWA90AX 802.11ax Access Point