



Omada Delivers Seamless Wi-Fi Coverage for Golden Beach Resort in Egypt

▼ Brief

The Golden Beach is an innovative, contemporary hotel brand, which offers an ultimate vacation concept. Whether beach resorts, small luxury lifestyle hotels or city hotels, the gate hospitality is constantly seeking to become a global hospitality player, focused to be established as one of the preferred brands in each hotel segment.

▼ Challenge

The customer required this project to improve network stability and wireless coverage across the resort. The upgrade focused on deploying advanced access points and optimizing network topology. Reliable connectivity was critical for both guest satisfaction and staff productivity. The project ensured consistent service quality and supported the resort's digital services.

10 building
And our user base ranges from 1500 to 2000 users

Reliable Wi-Fi coverage across indoor and outdoor areas was a critical requirement, including guest rooms, public spaces, and leisure facilities. The customer requested high availability and redundancy features to minimize downtime. Enhanced security mechanisms were also required to ensure compliance with hospitality network standards.

▼ Customer Background



Name : Golden Beach Resort
Year : 2025
Location : Ahyaa Road, Hurghada, Egypt
Project Name : Wi-Fi Coverage
Industry : Hospitality
Website : goldenbeachresort.net
Capacity : 2000



Distributor



System Integrator

▼ Challenge

- Designing a scalable solution to support future expansion.
- Handling high numbers of simultaneous users during peak occupancy.
- Minimizing downtime during deployment and daily operations.

▼ Solution

Wall APs Such as
EAP235-Wall >>>>Quantity = 500



Ceiling APs Such as
EAP620 HD >>>>Quantity = 14



Outdoor APs Such as
EAP650-outdoor >>>>Quantity= 8



Traffic Distribution

Network traffic is distributed across multiple access and aggregation points instead of relying on a single central device. This reduces bottlenecks and improves overall network efficiency during high user load.

Fault Tolerance and Reliability

Each network segment operates independently, allowing the rest of the network to remain functional if one segment experiences a failure. This design significantly increases service availability and uptime.

Scalability and Expansion

The topology allows new Access Points or network segments to be added without impacting existing infrastructure. This makes the solution ideal for large-scale environments with growing user demands.

▼ Benefits

The customer acknowledged that the deployment significantly enhanced overall network reliability throughout the property. Feedback indicated that guests enjoyed faster internet speeds and stable connections in every area of the hotel.

The customer considered the solution highly beneficial for supporting events, meetings, and guest entertainment services.