

Omada Delivers Seamless Wi-Fi Coverage for Pickalbatros Aqua Blu Resort in Egypt

▼ Brief

Pickalbatros Aqua Blu Resort Sharm El Sheikh is a large-scale leisure resort designed to host a high number of guests throughout the year. The property spans multiple buildings and outdoor areas, including pools, water attractions, and common guest zones. Daily operations and guest services depend on stable connectivity across rooms and public spaces. The resort environment requires seamless wireless coverage to support guest usage and internal systems.

▼ Challenge

The project was implemented to enhance the resort's overall network performance. Guests increasingly demanded high-speed, reliable Wi-Fi throughout the property. The infrastructure needed to support a growing number of connected devices. Security, scalability, and efficient network management were also important considerations. The hotel aimed to deliver seamless connectivity and improve both guest experience and operational efficiency.

30 building
And our user base ranges from 2500 to 3000 users

- Reliable Wi-Fi coverage across indoor and outdoor areas, including public and leisure spaces.
- High availability and redundancy to minimize network downtime.
- Enhanced security mechanisms compliant with hospitality network standards.

▼ Customer Background



Name : Pickalbatros Aqua Blu Resort
Year : 2025
Location : Red Sea, Egypt
Project Name : Wi-Fi Coverage
Industry : Hospitality
Website : pickalbatros.com/aqua-blu-resort-sharm-el-sheikh
Capacity : 3000



Distributor



System Integrator

▼ Challenge

- Providing consistent Wi-Fi coverage across a wide property with indoor and outdoor areas.
- Handling high numbers of simultaneous users during peak occupancy.
- Ensuring stable performance despite guest mobility between different zones.
- Maintaining network security while offering easy guest access.

▼ Solution

Wall APs Such as

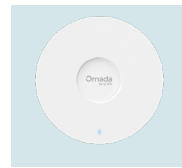
EAP615-Wall >>>>Quantity = 600



Ceiling APs Such as

EAP660 HD >>>>Quantity = 10

EAP610 >>>>Quantity = 5



Outdoor APs Such as

EAP650-outdoor >>>>Quantity=10



AP Deployment

Access Points are installed based on user density and traffic patterns to balance load effectively. This approach guarantees stable internet performance throughout the property.

High-Density Area Optimization

Special attention is given to areas like conference rooms, pools, and lobbies. Additional APs and bandwidth tuning prevent congestion during peak times.

▼ Benefits

The customer expressed high satisfaction with the deployment, noting that the installation was seamless and did not disrupt hotel operations. They highlighted the stable performance of the Wi-Fi network, which consistently supports all guest devices without interruptions.

Feedback emphasized the benefits of centralized management, allowing the IT team to monitor and configure access points efficiently. The hotel appreciated the enhanced guest experience, especially in high-traffic areas like lobbies and conference rooms.