



Omada Delivers Seamless **Wi-Fi Coverage** for **Albatros Makadi Resort** in Egypt

▼ Brief

Albatros Makadi Resort, a 5-star retreat, is nestled in Makadi Bay, a short 30km journey from Hurghada. Overlooking the enchanting azure sea, it offers an all-inclusive and family-friendly experience.

▼ Challenge

Customers often require access points in hotels to ensure reliable and high-speed internet connectivity during their stay. Access points enable guests to connect their devices to the hotel's network, facilitating communication, entertainment, and work-related activities. This access is essential for a positive guest experience and can influence their overall satisfaction with the hotel.

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

Reliable Connectivity: Customers expect stable and reliable Wi-Fi connectivity throughout the hotel premises, including rooms, common areas, and meeting spaces.

High-Speed Internet: Fast and efficient internet access is crucial for guest satisfaction, especially for activities like streaming, video conferencing, and downloading/uploading large files.

Secure Connection: Customers prioritize a secure Wi-Fi connection to protect their personal and sensitive information while using the hotel's network.

▼ Customer Background



Name : Albatros Makadi Resort
Year : 2025
Location : Red Sea, Egypt
Project Name : Wi-Fi Coverage
Industry : Hospitality
Website : pickalbatros.com/makadi-resort
Capacity : 3000



Distributor



System Integrator

▼ Challenge

Coverage and Capacity Planning: Ensuring consistent and sufficient Wi-Fi coverage throughout the hotel, especially in areas with high guest density, can be challenging. Balancing coverage and capacity is crucial.
Scalability: Designing a network that can easily scale to accommodate a growing number of guests and devices

is a challenge, especially in larger hotels or during peak seasons.

Bandwidth Management: Allocating and managing bandwidth effectively to meet the diverse needs of guests, such as streaming, conferencing, and browsing, requires careful planning.

▼ Solution

Wall APs Such as
EAP235-Wall >>>>Quantity = 950



Ceiling APs Such as
EAP620 HD >>>>Quantity = 40



Outdoor APs Such as
EAP650-outdoor >>>>Quantity=20



Centralized Controller:

- A central controller is often employed to manage and monitor all the Access Points in the hotel.
- The controller facilitates centralized configuration, firmware updates, and monitoring of network performance.

Distribution of Access Points:

- Access Points are strategically placed throughout the hotel to ensure optimal coverage in guest rooms, corridors, lobby, meeting spaces, and other common areas.
- The distribution aims to minimize dead zones and provide a seamless transition between APs as guests move within the premises.

SSID Configuration:

- Multiple Service Set Identifiers (SSIDs) may be configured to differentiate between guest and staff networks, providing secure and segregated access.

▼ Benefits

Connectivity and Speed

Guests appreciate fast and reliable Wi-Fi throughout the hotel. Positive feedback often highlights seamless connectivity and quick internet speeds.

Coverage

Positive comments may focus on extensive coverage, ensuring a stable connection in various areas, including rooms, lobby, pool, and meeting spaces.