TP-Link Provides Wireless Coverage to Al Hayat Hotel Apartments in Sharjah

❤ CUSTOMER PROFILE

Company Name: Al Hayat Hotel Apartments

Industry: Hospitality

Capacity: 85 rooms, 10 suites

Location: Sharjah

❤ BACKGROUND

Located at the center of Sharjah, Al Hayat Hotel Apartments accommodates guests for business and leisure, offering 85 guests rooms and 10 suites of three types — studio, one-bedroom and two-bedroom apartment — and accommodations amenities for business meetings, family vacations and international tourism. Al Hayat Hotel Apartments is located near the center of Sharjah, with viewing access to the Municipality Roundabout, the Central Post Office, the iconic King Faisal Mosque and Etihad Square.

❤ CHALLENGE

Understanding the importance that guests place on reliable and fast Wi-Fi, Al Hayat were determined to provide a network that supports entertainment. The hotel's main challenge was an inability to install dedicated access points in every room, since the management preferred access points only in corridors and need to cover even double bed room suites. This presented several difficulties, including signal penetration and strength at each and every corner of the hotel, as well as load balancing of clients between the access points.

To address these challenges and provide a robust Wi-Fi signal in all rooms for all guests, Al Hayat Hotel management sought to deploy a wireless network that had to fulfill the following demands:

• Coverage

Transmit a network signal throughout all the rooms and suites of the hotel, particularly for the two-bedroom apartments.

• Capacity

Deliver a network with sufficient bandwidth to up to 1500 simultaneous user devices.

• Reliability

Provide a stable, dependable wireless signal for every guest's daily internet needs.

• Centralized Management

Allow network administrators to an intuitive, efficient method to manage, monitor and control the entire wireless network from a single location
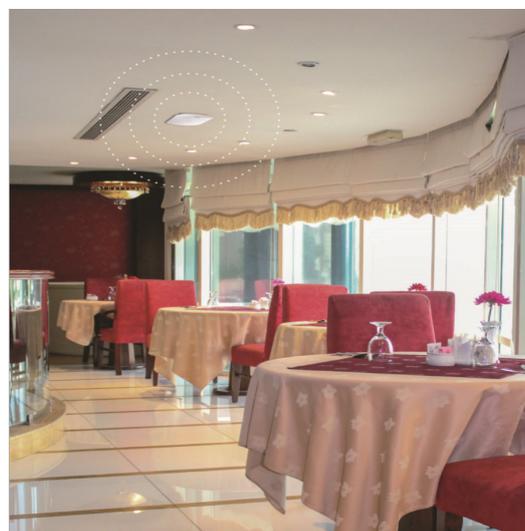
• Aesthetic Design

Wireless access points must blend effortlessly and naturally with the hotel's interior design.

• High Performance

Achieve fail-proof and reliable data transfer rates to support the high demand of HD streaming

❤ SOLUTION

To address these challenges and provide a robust Wi-Fi solution for the hotel, the TP-Link implementation team performed a wireless survey, wireless heat map and the POC for three weeks. It was concluded that hotel could provide seamless wireless coverage for all the guest rooms and facilities using 36 units of Ceiling Mount Access Points EAP 320.

TP-Link Technologies Co., Ltd.

• **Rapid Deployment**

The EAP's easy-mount design makes hardware deployment quick and efficient, allowing installation of all 36 units to complete with minimal interruption to guests.

• **Reliable Wireless Performance**

The integrated Broadcom chipset allows the EAP320 to provide reliable wireless connections and expansive wireless coverage for guests and equipment in every room of the hotel apartment. Its AC1200 Wi-Fi technology tremendously increases supporting capacity of and bandwidth for users, ideal for the HD streaming needs Al Hayat looked to accommodate. The high quality hardware, including four internal antennas, ensures a strong wireless signal in every corner of the hotel.

• **Intuitive Centralized Management Platform**

Four steps process makes it even easier to make configuration in batches for all the EAP devices. Since the EAP Controller software is included with EAP Series devices, there are no additional costs or annual fees. The intuitive user interface allows hotel's personnel to quickly configure and monitor the entire network, making comprehensive management as efficient as possible. Bandwidth distribution and QoS make it more efficient using the platform to ensure the ordering and billing system gets the highest priority.

• **Unobtrusive Aesthetics**

With their unassuming ceiling lamp appearance, EAP access points were compatible with the hotel's modern design, and upon deployment did not affect the beautiful interior in each type of room and suite.

• **Cost-Effective Solutions**

The TP-Link solution offered the best value and cost-to-benefit ratio when compared to other brands. With affordability, it delivered high-power coverage, satisfying speeds and unfailing stability.

❤ BUSINESS RESULTS

Al Hayat Hotel Management and customers were

extremely satisfied with the TP-Link Wi-Fi solution, as well as management features that allow the administrator to centrally manage the network, generate temporary guest tokens, load balance the clients and limit access rights. This was all performed through the free Auranet controller software, which helped administrators to specifically manage the hotel's Wi-Fi network.

Hotel guests are extremely happy to browse over a very fast 802.11ac Wi-Fi network to enjoy internet-based entertainment, such as HD movies, games and video chats, without compromising Wi-Fi stability or security.