Omada by tp-link

CASE STUDY

Omada Delivers a Brand-New Networking Solution for a Luxury Five-Star Hotel in Ireland

Project Scope

Deploy a high-performance, centrally managed network across the entire hotel.

Customer Profile

Name: BBnet
Industry: Hotel
Location: Ireland

Challenges

- Multiple digital services
- Eliminate legacy dead zones
- Total network refresh

Solution

Access Points:
EAP772 ×4
EAP660 HD ×6
EAP620 HD ×270
EAP623-Outdoor HD ×4
EAP650-Wall ×4

Switches:
SG3452P ×9
SG3428MP ×2
SG2210MP ×14

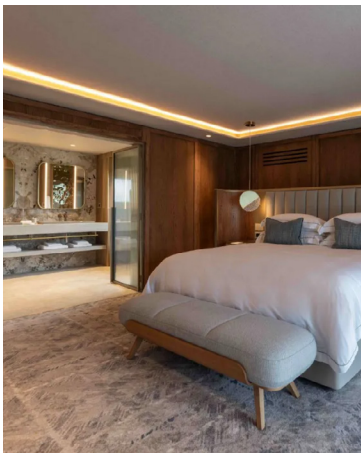
Gateway:
ER8411 ×1

Controller:
OC300 ×1

Omada provided a full-coverage network solution for The Europe Hotel & Resort, offering a powerful network infrastructure for 180 guest rooms, common areas, and outdoor spaces.

Streamlined and Efficient Centralized Management with the Omada Controller

The Omada hardware controller, OC300, orchestrates the entire network, giving the hotel local control, low latency, and complete data management. The intuitive dashboard offers real-time monitoring of hundreds of connected devices, proactive alerts, and seamless mass configuration changes—all manageable from a single interface. Cloud access enables technicians to monitor, configure, and troubleshoot anytime, anywhere. With OC300, network management becomes simpler and more efficient.



Ending the Legacy of Dead Zones with Omada Access Points

The hotel's previous network infrastructure was totally outdated, leaving consistent dead spots. After a full site survey, a complete wireless overlay was designed, with an upgrade from 30 Mb to 1 Gb. Guest rooms, corridors, dining rooms, spa, and more – all covered by Wi-Fi 6, while the Wi-Fi 7 APs were specifically deployed in the high-capacity ballroom, ensuring stable connections under high-density conditions. Outside the building, guests can stay connected while enjoying the lake and surrounding grounds thanks to Omada outdoor APs. Everywhere was covered, with no dead zones to be found.

VLAN Segmentation Ensure Safe, Stable Hotel Wi-Fi

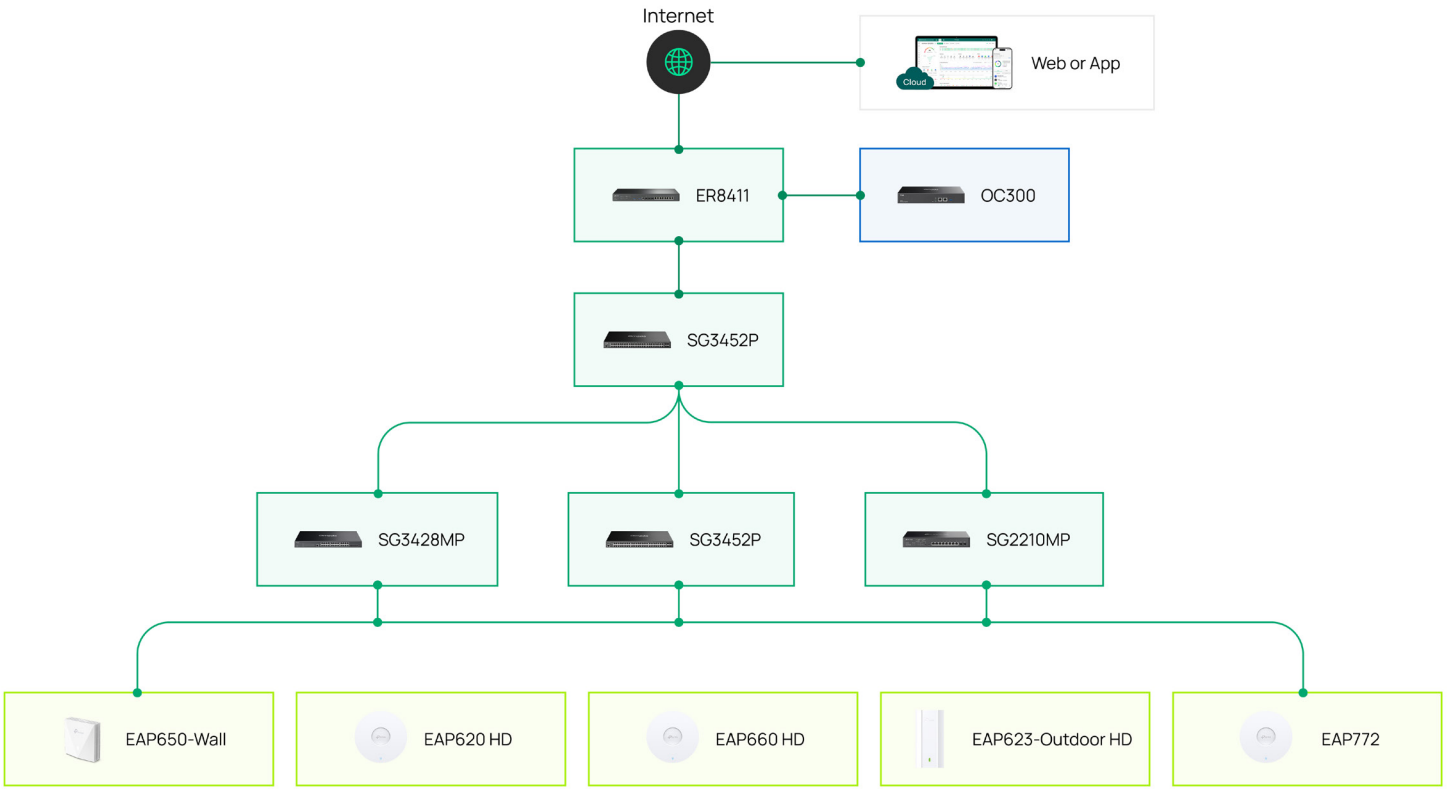
By leveraging Omada's advanced VLAN tagging, the network runs multiple isolated digital services. Wireless minibars, in-room Chromecasts, the hotel's security camera system, and point-of-sale terminals each operate on their own secure network segment. This architecture ensures guest streaming or social media usage never degrades the performance of business-critical systems. For guests, the experience is seamless; for the hotel, the network is a reliable backbone that protects transaction data and maintains service-level agreements.

Enterprise Support That Goes Beyond Forums

When a luxury five-star hotel cannot tolerate downtime, vendor support becomes critical. Omada by TP-Link not only offers products and a cloud platform with the latest technologies but also provides direct, proactive support throughout the project—accessible by phone and email, not just user forums. Technical queries were resolved promptly, supporting BBnet at every stage of the rollout and cementing a relationship the integrator plans to continue. This responsive, human support was essential to delivering a solution the hotel could trust.

> I would recommend the Omada system to any business thinking of using it. Very cost-effective, reliable. A very good product.
>
> *—Mr. Looney, IT Manager, Killarney Hotels Ltd*

> It is a true enterprise product that has support that you can pick up a phone and talk to someone. I would 100% recommend Omada by TP-Link to any of our peers.
>
> *—Mr. Neote, CEO, BBnet*



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