# TP-Link Connects Communities with Reliable & Intelligent Infrastructures

## END-CUSTOMER GENERAL PROFILE

**Name:** Althea Village Chania

**Industry:** Hospitality

**Capacity:** 17 big Villas with 150 Apartments/Rooms

**Location:** Kato Daratso, Nea Kydonia, Chania, Greece

## Used Products :

• **Jetstream Switches** :
1× T2600G-28SQ
17× T2600G-28MPS (TL-SG3424P)
4× T1600G-28PS(TL-SG2424P)

• **Omada Access Points** :
152× EAP225-Wall,
4× EAP245,
40× EAP115-Wall,
10× Eap225-Outdoor

• **Omada Controller:**
5× OC200

## BACKGROUND

Althea Village is a four-star Hotel business, close to the famous Minoan's World 3D Museum & 9D multi- language Cinema, of Chania, at Crete island of Greece. It is also located very close to a lot of (ancient and almost recent) historical and cultural local areas, as well as to the sea side of Agioi Apostoloi. Althea Village is actually a group of big villas, where in each one of them, there are different apartments and rooms. Apart from the classic hospitality services - which are including traditional tavernas, pool bars and sea side restaurants – this business also offers Wi-Fi, LAN, pool, a private beach with parking area, a conference room and a private children's playground. In other words, it's an ideal Greek village/hotel for family or business purposes, at the mentioned area.
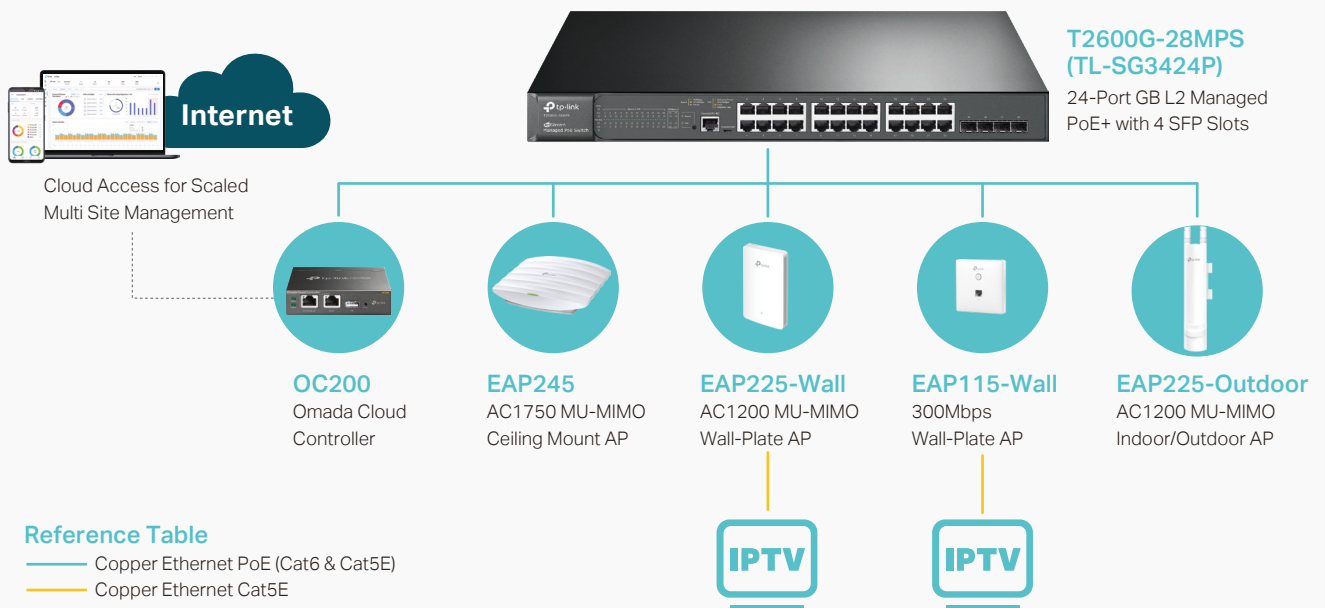
## CHALLENGE

Althea Village, turned to TP-Link Hellas, for a reliable networking solution, that would resolve the following themes and fulfill the following demands:

• How all these separate facilities would be connected into a LAN
• How this business would be able to offer wireless and wire access – to their customers – for free and on-demand – including WiFiTTR (Wi-Fi to the room services)
• How this business would be able to manage locally and/or remotely, the required networking materials
• How this business will be able (on-demand) to offer local and/or remote management services of Wi-Fi towards franchise business, into it's premises, for facilities like bar, restaurant and conference room.

## ◆ SOLUTION

TP-Link Hellas, provided a suitable networking solution that met all of the demands that were outlined by Althea Village. TP-Link's local partner "Onenet Digital Solutions", based in Crete island, implemented the total project along with business critical Pre-Sales & After-Sales support, by the Hellenic TP-Link office.

- **For the backbone network,** the implemented solution based mainly on Fiber Optics and was comprised of 1 T2600G-28SQ , 17 T2600G-28MPS(TL-SG3424P) and 4 T1600G-28PS(TL-SG2424P) along of course with the proper GBICs (SFP modules), per kind of Fiber Optic cable. As a topology, most of the network implemented using the "Star" type but for backup themes, also some small "Ring" type connections, were implemented.

- **For Wi-Fi network management,** the implemented solution based on TP-Link Cloud services and was comprised of 4 OC200. The offered scaled management access via the Omada ecosystem, mainly used and therefore , all the related with the said project collaborators are using it (Onenet as admin, Local IT as operator and the Receptionist is just using the "voucher manager" whenever is needed).

- **For the distributed network,** the implemented solution based on Copper cabling (Cat.5E & Cat.6 – UTP & FTP) and was comprised of 152 EAP225-Wall, 4 EAP245, 40 EAP115-Wall & 10 EAP225-Outdoor. It worth to be mentioned that apart from the free or on-demand WiFiTTR services, we offered through our Wall type access points, also the IPTV room services.

- **For the franchisee's Wi-Fi network management,** the implemented solution based again on TP-Link Cloud services and was comprised of 1 more OC200. On this specific controller, only specific Access Points were registered, obviously only from the franchise areas. The IT personnel of the franchisee, found it very useful and via that way, they are advertising there  business and services, using TP-Link Wi-Fi, through the offered "Advertisements Prior to Login" function, of the Omada ecosystem.

**Internet**

Cloud Access for Scaled Multi Site Management

**T2600G-28MPS (TL-SG3424P)**
24-Port GB L2 Managed PoE+ with 4 SFP Slots

**OC200**
Omada Cloud Controller

**EAP245**
AC1750 MU-MIMO Ceiling Mount AP

**EAP225-Wall**
AC1200 MU-MIMO Wall-Plate AP

**EAP115-Wall**
300Mbps Wall-Plate AP

**EAP225-Outdoor**
AC1200 MU-MIMO Indoor/Outdoor AP

**IPTV**

**IPTV**

**Reference Table**
- Copper Ethernet PoE (Cat6 & Cat5E)
- Copper Ethernet Cat5E

**The Solution Topology of Althea Village**
**For distributed network**

## ❖ BUSINESS RESULTS

The Althea Village has expressed intense satisfaction for their implemented solution. The Omada ecosystem, provided the reliable and proper network performance that the Althea Village needed. Classic network demands such as:

- Primary and Secondary (wherever is needed) backbone systems' connectivity
- Standard guest network
- On-Demand guest network

- Corporate network
- IPTV network – via WiFiTTR method
- Franchise Wi-Fi Services

are now considered for granted, in this business.







"We chose TP-Link materials because:

• We evaluated the reliability and performance of them as being sufficient enough, in relation with their cost and competition.

• Whenever we needed their people, they were ready to support us appropriately.

• The TP-Link suggested partner, was having excellent "Know How" of his job and he was acting with professionalism in collaboration with TP-Link Hellas office.

For sure, we will trust again the people of TP-Link Hellas, in the future. "

——Mr. Nikos Skarakis (Business Owner)

tp-link

## ❤ Related Recommended Products

| | | | |
|---|---|---|---|
| EAP245 | EAP225-Wall | EAP225-Outdoor | EAP115-Wall |
| T2600G-28MPS (TL-SG3424P) | T2600G-28SQ | OC200 | |