

Case Study



New Oakland Apartments, USA

New Multi-family Development with 100+ Doors



Resort Condominium, USA

Upgraded 14K Condominium Units and Indoor/Outdoor Common Areas to Wi-Fi 6



K.Ruangvich, Thailand

430 Rooms, 8 Floors of Student Accommodation



The Ilyas & Mustafa Galadari Group, Dubai

Capacity: 2000+

Enterprise-Grade Support and Services



Limited-Lifetime Warranty

Deploy with peace of mind knowing your network is backed by a market-leading limited-lifetime warranty.*



Official Technical Sales & Support

Contact a local support team via email or phone for timely pre- and after-sales support.



Stable Supply Chain

- Vertical integration
- Strict quality management
- Local warehouse for sufficient local stock and fast delivery

* May vary by region/country.



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Please visit <https://www.tp-link.com/en/solution/mdu/> to learn more about Omada Cloud SDN

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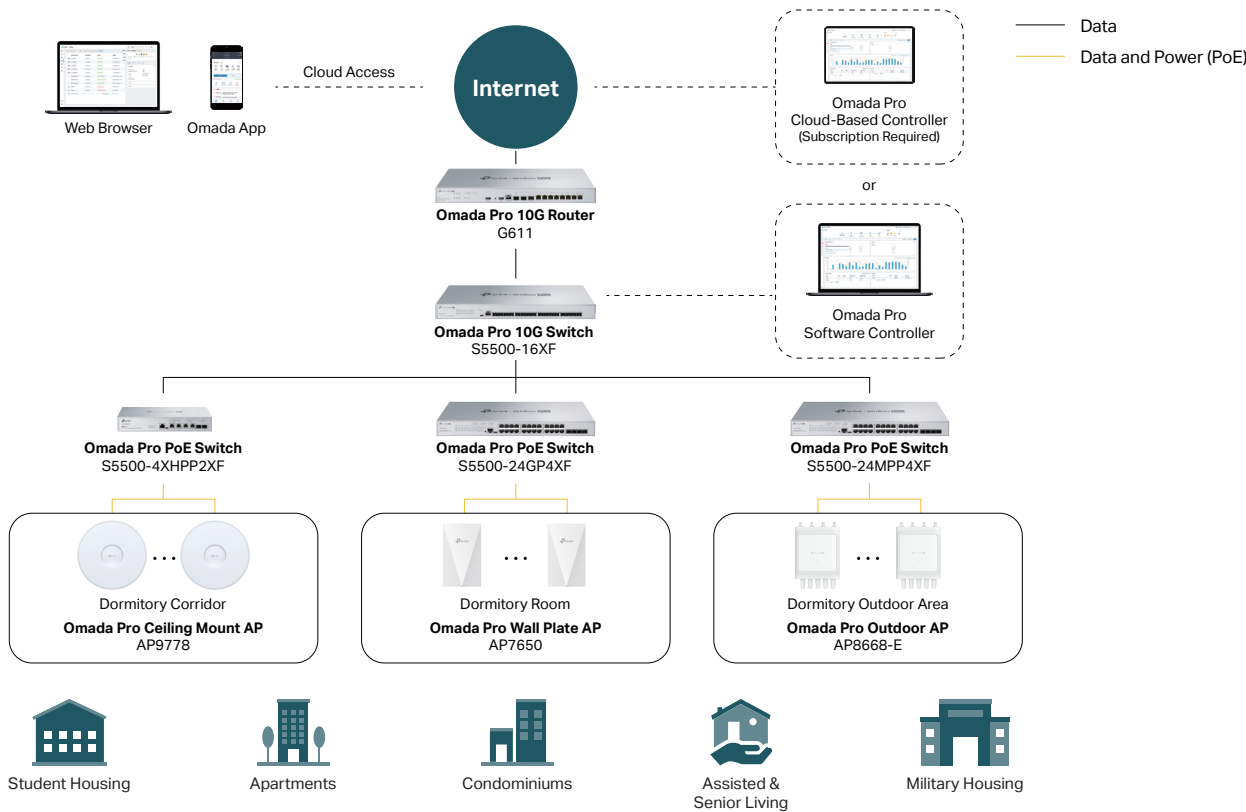
Omada Pro Enterprise Wi-Fi Solutions for Multi-Dwelling Units (MDUs)



Reliably Smart
www.tp-link.com

Engineered for Multi-Dwelling Units (MDUs)

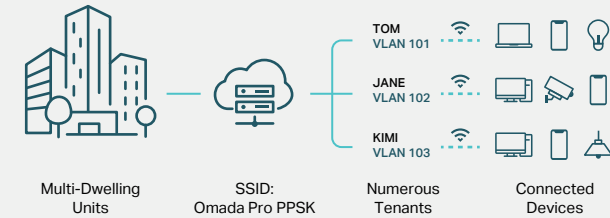
Omada Pro Wi-Fi solutions, designed specially for Multi-Dwelling Units (MDUs), offer secure, connected living for tenants and simplified management for property owners.



Key Benefits for Your Multi-Dwelling Units

Always-Assured Security

- ✓ Up to 4,000 PPSKs with Radius Server
- ✓ Abundant Security Features
 - Wireless Intrusion Detection/Prevention System (WIDS/WIPS)
 - Intrusion Detection/Prevention System (IDS/IPS)^Δ
 - Advanced WPA3 encryption
 - Application Control^Δ
 - Attack Defense



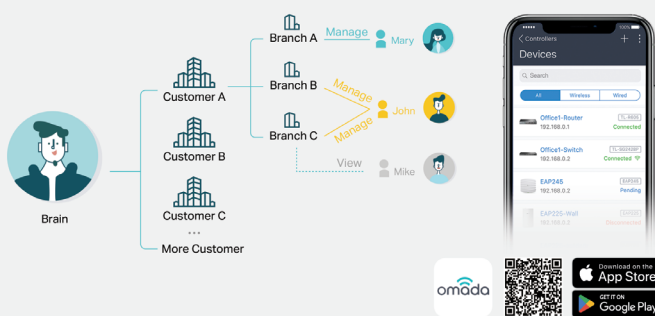
Always-On Wi-Fi Coverage

- ✓ Multi-Gigabit Wi-Fi 7 & 6 Speeds
- ✓ AI Roaming for Uninterrupted Streaming
- ✓ Automated Radio Frequency Deployment
 - Automated channel selection
 - Power adjustment
 - Bandwidth allocation
 - Frequency band deployment



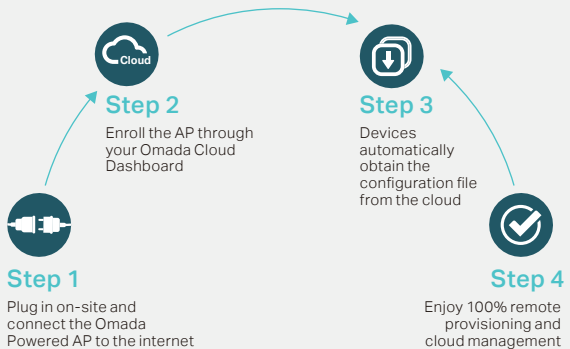
Simple Management

- ✓ Fully Remote and Centralized Management with the Omada Pro Software-Defined Networking (SDN) System
- ✓ Managed Service Provider (MSP) Mode & Multi-Tenant Privilege Assignment
- ✓ SSO (Single Sign On)
- ✓ Cloud Management with the Omada App



Easy Operation and Maintenance

- ✓ Zero-Touch Provisioning (ZTP)
- ✓ Batch Configuration
- ✓ Remote and Quick Troubleshooting
- ✓ Bridge VLAN
 - Streamline setup with quick configuration of 128/256 VLANs, ensuring uninterrupted LAN-WAN performance.



Product Recommendations

Multi-Dwelling Units (MDUs)			
Product	Model	Role	Features
Router	G611	Gateway	<ul style="list-style-type: none">• Quad-Core 2.2 GHz CPU• 2× 10G SFP+ Slots• 1× Gigabit SFP Slot• 8× Gigabit RJ45 Ports• Up to 10 WAN Ports• Bridge VLAN
Switches	S5500-16XF	Aggregation Layer Switch	<ul style="list-style-type: none">• Full 10G Connections• 16× 10G SFP+ Slots• Dual Redundant Power Supplies
	S5500-4XHPP2XF	Connecting APs with 10G Ports	<ul style="list-style-type: none">• Full 10G Connections• 2× 10G SFP+ Slots• 4× 10G PoE++ RJ45 Ports• Power Budget: 200 W
	S5500-24MPP4XF	Connecting APs with 2.5G Ports	<ul style="list-style-type: none">• 4× 10G SFP+ Slots• 24× 2.5G RJ45 Ports (8× PoE++, 16× PoE+)• Power Budget: 500 W
	S5500-24GP4XF	Connecting APs, IP Cameras, IP Phones, and PCs	<ul style="list-style-type: none">• 4× 10G SFP+ Slots• 24× Gigabit PoE+ RJ45 Ports• Power Budget: 384 W
Ceiling Mount AP	AP9778 ^{Wi-Fi 7} ^{HD}	Room Wi-Fi	<ul style="list-style-type: none">• Wi-Fi 7 speeds up to 22 Gbps*• Supports the 6 GHz band• 2× 10G PoE++ Ports• 1x USB 2.0 Port• Connections for 1,000+ devices• WIDS/WIPS
	AP9665 ^{HD}	Wi-Fi for Indoor Public Areas and Corridors	<ul style="list-style-type: none">• Wi-Fi 6 speeds up to 3.6 Gbps• 1× 2.5G PoE++ Port and 1× Gigabit Port• 1x USB 2.0 Port• Connections for 1,000+ devices• Intelligent Anomaly Detection and Analysis• WIDS/WIPS
Wall Plate AP	AP7650	Room Wi-Fi	<ul style="list-style-type: none">• Wi-Fi 6 speeds up to 3.0 Gbps• 4× Gigabit RJ45 Ports• 802.3af/at PoE Input and PoE Passthrough• Intelligent Anomaly Detection and Analysis• WIDS/WIPS
Outdoor AP	AP8668-E ^{IP67}	Wi-Fi for Outdoor Public Areas	<ul style="list-style-type: none">• Wi-Fi 6 speeds up to 3.6 Gbps• 1× 2.5G PoE Input Port and 1× Gigabit PoE Output Port• 1× 10G SFP+ Slot• Support AC Power Input• IP67 Weatherproof Enclosure

*Refers to the US version. EU version speeds reach up to 19 Gbps.

^ΔThese features of G611 will be supported by December 2023.