

Stoke Beach House Manly Improves Guest Wi-Fi Experience with Omada Enterprise Networking by TP-Link



Stoke Beach House Manly

 Manly, NSW

Located in Manly, NSW, Stoke Beach House Manly is a beachside accommodation venue catering to backpackers, solo travellers, and young visitors seeking affordable, social accommodation near the beach. The property accommodates around 200 guests and offers shared dorms, private rooms, communal spaces, social events, and complimentary Wi-Fi. To support growing guest connectivity demands, Stoke Beach House partnered with burningWAN, an Australian managed services provider specialising in networking and IT solutions.

Challenges

Stoke Beach House was operating on a legacy wireless network that struggled to provide reliable coverage and performance throughout the building. Although the property had a 100/100 Mbps fibre connection, guests frequently complained about slow and inconsistent Wi-Fi.

The building's heavy concrete construction made wireless coverage particularly difficult, with some guest rooms receiving little to no signal. Fast and reliable internet had become essential to guest satisfaction, making the internal network limitations a growing operational issue.

The business needed a solution that could improve Wi-Fi coverage and throughput while remaining cost-effective and easy to manage without ongoing licensing fees.





TP-Link Solution and Implementation

After evaluating different options, burningWAN selected the TP-Link Omada platform due to its strong performance, network visibility, and value for money.

Why Omada and VIGI by TP-Link

- No ongoing licence costs
- Strong feedback from the MSP community
- High network throughput and performance
- Simplified troubleshooting and network visibility

Deployment

- 1 x TP-Link ER7412-M2
- 1 x TP-Link SG3428MP
- 8 x TP-Link EAP673

The new solution replaced the site's previous EnGenius infrastructure and modernised the network across the property.

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Regarding the network upgrade. It has honestly made a huge difference for us. The connection is much more stable and reliable throughout the property, and we've had a big decrease in guest complaints about Wi-Fi.

— Kristyna Bartova
Manager, Stoke Beach House Manly

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Results

Following deployment, Stoke Beach House experienced a significant improvement in Wi-Fi coverage and overall network performance.

Guest rooms that previously struggled to receive signal now have reliable connectivity — achieved without installing additional access points or new cabling infrastructure. The improved wireless experience has helped reduce complaints and improve overall guest satisfaction.

The Manager at Stoke Beach House Manly, Kristyna Bartova says “Regarding the network upgrade. It has honestly made a huge difference for us. The connection is much more stable and reliable throughout the property, and we've had a big decrease in guest complaints about Wi-Fi.”

burningWAN also highlighted the support provided by TP-Link during deployment, helping ensure a smooth implementation process.



Product Solution

x1 ER7412-M2
Omada Multi-Gigabit VPN Router

x1 SG3428MP
Omada 28-Port Gigabit L2+ Managed Switch with 24-Port PoE+

x8 EAP673
AX5400 Ceiling Mount Wi-Fi 6 Access Point

In Partnership with

