

Australian Private Networks Extended Wireless

Wireless from the Office to other Buildings to the Property

APN's Extended Wireless solution offers the ability to extend your wireless coverage beyond the internal walls where the APN Hub solution is installed.

Each extended wireless point is known as a 'Hotspot' and can have a 'Central Hotspot' or 'Remote Hotspot'.
There are no limit on how many can be installed.

HIGHLIGHTS

Suited for – Any Business, Community and Towns looking to extend their network coverage. It can provide Public WiFi to tourism, caravan parks, camps, B&B, etc, Agriculture, Mining Camps, or IoT networks

Network Management – Supporting multiple networks, with each network having their own SSID. The number of networks is dependant upon which APN Hub solution is installed. Each network is segregated in line with the configuration set at the time of the initial installation of the APN Hub solution

WiFi Coverage – Up to 150 meters from each Hotspot.

Central Extended Wireless – Extending coverage internally or externally from the same building where the APN Hub solution is installed, known as 'Central Hotspot'.

Remote Extended Wireless – Extending coverage internally to other building/s or externally from the Central Hotspot through point to point wireless connections, known as 'Remote Hotspot'. Line of site to the Central Hotspot is required.

Public WiFi – Separated network for staff or visitors to gain internet access, fully configurable for free or pre-paid/PAYG, online portal for users to purchase own data, all administered by APN.



Designed with

- Coverage extended for the separated virtual networks such as Business, Private, Public & IoT including internal WiFi networks
- No limits on how many Hotspots can be installed
- Easy DIY installation

Compatible with APN Business Solutions:

- APN Business Hub
- APN Commercial Hub
- APN Community Hub
- APN Public WiFi

Alternative Extended Wireless Solutions:

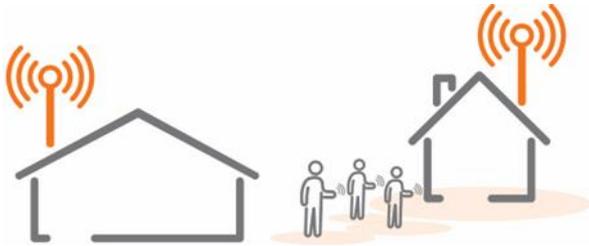
- APN can provide Solar and Battery option for extended wireless coverage.

Contact:

For Information about the Australian Private Networks' Business Solution, visit www.apn.net.au or email corporatesales@apn.net.au.

Australian Private Networks (APN) is Australian owned and operated with over 18 years remote, rural and regional installation experience.

Extended Wireless - Specifications



Central Hotspot and one Remote Hotspot providing extended wireless coverage

Table Header One	Table Header Two
Network Standards	802.11ac
WiFi Band	2.4Ghz
WiFi Range – Internal	Up to 150 meters from Hotspot subject to building materials
WiFi Range – External	Up to 150 meters from Hotspot subject to obstructions such as but not limited to building, hills or large thick trees
Number of WiFi Networks	Up to 3 networks (Business, Private & Public)
Antennas	2 x external, dual band, detachable antennas
Security Features	WPA/WPA2 128-bit-AES encryption
Warranty & Support	1 year hardware warranty Remote monitoring and technical support Optional – Onsite service calls at additional cost
Power Supply	POE Power Pack 30V/0.5A