

Talk to a service  
provider about **nbn**<sup>™</sup>  
Network Extension

# **nbn**<sup>™</sup> Network Extension

Extending the connectivity of the **nbn**<sup>™</sup> broadband access network to Approved Non-Premises Locations.

An **nbn**<sup>™</sup> Network Extension allows service providers to connect Approved Non-Premises Locations within reach of the **nbn**<sup>™</sup> Fibre to the Node (FTTN) access network. Once an extension is complete and the location becomes serviceable, providers will be able to order a **nbn**<sup>™</sup> FTTN service for that location (subject to the limitations set out in the Approved Non-Premises List available at [nbn.com.au/anpl](https://nbn.com.au/anpl)).

# Overview

## Applying for an nbn™ Network Extension

Once the service provider submits an application, **nbn** will determine whether it's use case qualifies to connect to the **nbn**™ FTTN network. We will usually require around 10 business days to assess the feasibility of each application and supply a design and construction quotation – each quotation we supply is tailored to meet the unique needs of each Approved Non-Premises Location. **nbn** have developed application capability to support new and existing Approved Non-Premises Location.

## Who's eligible for the nbn™ Network Extension

**nbn**™ Network Extension caters to both new and existing Approved Non-Premises Location or applications. Service providers and end customers can apply for a network extension on the FTTN network for the following construction scenarios

### New Approved Non-Premises Location\*\*

**nbn** will construct and extend the **nbn** access network out to the Approved Non-Premises Location.

### Transition^

**nbn** will re-use an existing fixed line (copper) that is serving the Approved Non-Premises Location.

### Migration^

**nbn** will use a new or un-used fixed line (copper) that is serving the Approved Non-Premises Location.

### Subsequent installation\*\*

Meaning, **nbn** will install a new or spare copper pair at an in service Approved Non-Premises Location.

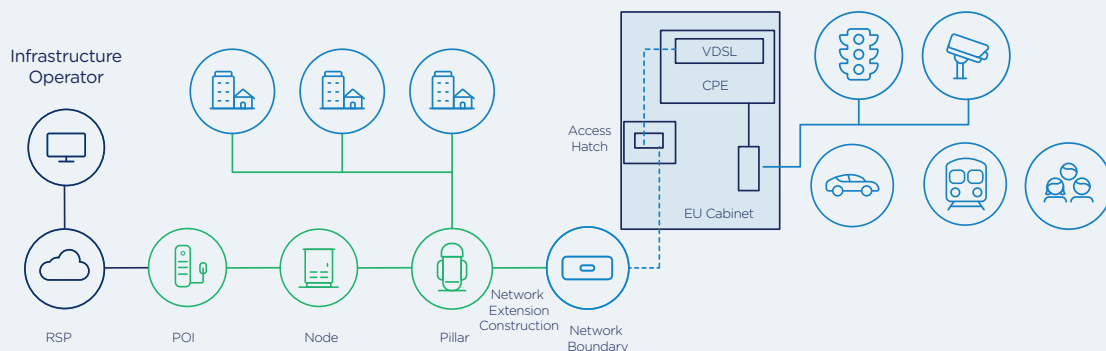
## Examples of Approved Non-Premises Locations and Applications

The supply of **nbn**™ FTTN network is currently approved for the following non-premises applications/devices.

Type of Approved Non Premises Location	Application or Device Type
Traffic and Transport Infrastructure	Traffic Light + Traffic Control Unit (TCU)
	Traffic Cameras (Traffic Monitoring)
	Traffic Light + CCTV
	Traffic Signalling (Lane Markers)
	Roadside Emergency Comm's
	Traffic Cameras (Speed or Red-light Camera)
	Variable Speed Sign with CCTV
	Variable Speed Sign with Speed Indicator
	Tram Stop Electronic Signage Time Table
	Train Stop Electronic Signage Time Table
	Train Line Boom Gates
	Bus Stop Electronic Signage Time Table
	Road Swing Bridges Control
	Road Bridge Controls Guidance Lights
Standalone ATMs	Stand Alone ATM Terminals
	Weather Monitoring (Weather Stations)
	Air Quality (Monitoring)
Environmental Infrastructure	Fire Risk Area Monitoring (e.g. Bushfire)
	Fire Risk Area Monitoring + CCTV (e.g. Bushfire)
	CCTV (e.g. Safety Surveillance)
	Street Light Controllers

Restrictions apply to the type of **nbn**™ wholesale services available at these locations once the Network Extensions are built, including restrictions to the **nbn**™ wholesale traffic classes that may be used for particular applications. Full details are available in the Approved Non-Premises List available at [nbn.com.au/anpl](http://nbn.com.au/anpl)

## A typical overview of an Approved Non-Premises Location



### Key

- Service provider network
- Existing network
- nbn™ access network

### Acronyms

- RSP: Retail Service Provider
- POI: Point of Interconnect
- CPE: Customer Premises Equipment

\*Application fees may apply    ^ Construction fees will apply