

# nbn<sup>®</sup> Smart Places



Forward thinking. Innovative. Flexible.

Your **smart** partner for new developments.



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## Coming soon: **nbn** Smart Places

**nbn** Smart Places proposes to bring the power of the **nbn** network to outdoor locations – where people are spending more of their time while still wanting to enjoy the benefits of smart devices, applications and solutions. As we see a rapid increase in the planning and development of smart communities, towns, suburbs, precincts, and buildings, we know communities and businesses alike are seeking the very best in connectivity to turn these smart visions into realities.

As part of our proposed range of innovative products, **nbn** Smart Places is designed to do just this. To use the fast, reliable and secure connectivity of the **nbn** network\* to enable smart communities and cities throughout the country.

**nbn** Smart Places is ideal for developers who design with the future in mind. With one line of fibre infrastructure (per service/per non-premises location), developers can enjoy a product that caters to a range of different uses, delivering their smart technology needs to their communities and beyond.

\* An end customer's experience, including the speeds actually achieved over the **nbn** broadband access network, depends on the **nbn** access network technology and configuration over which services are delivered to their premises, whether they are using the internet during the busy period, and some factors outside of **nbn**'s control (like their equipment quality, software, chosen broadband plan, signal reception, or how their provider designs its network).



## How do smart places and **nbn** Smart Places work?

A smart place (or smart cities as they're often known) integrates technology into the surrounding built or natural environment to increase liveability, sustainability and productivity for residents and businesses.

Through the innovative use of data and the latest embedded technology (including digital interfaces and networks, intelligent control, and data management systems), this enables improved outcomes for residents and communities alike.

**nbn** Smart Places is designed to enable communities to become smart places themselves by extending the **nbn** fibre network to non-premises locations that require broadband connectivity (such as traffic lights, digital billboards and public Wi-Fi hotspots). These non-premises locations are a great way to create truly connected places when designing your masterplan community and smart cities of the future.





# nbn Smart Places has the potential to serve multiple use cases over time, including:

## Connected spaces



Public  
Wi-Fi



Microgrids

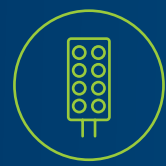


Smart  
poles

## Smart infrastructure



Security  
monitoring



Traffic  
lights



Driverless  
transport

## Enable IoT



Smart  
metering



Mining

## Farming



Agriculture



Livestock

## Banking



ATMs



Investment  
services

## Healthcare



Medical  
alarms



Remote  
care



We plan to extend the **nbn** fibre network to these locations to offer **nbn** Smart Places. This is then brought to life using a miniaturised, ruggedised and reverse-powered connection device that plugs into your equipment from where it is powered.

Offering a consistent fixed line option designed to cater for the future adoption of intelligent technologies for years to come, **nbn** Smart Places is also a positive step forward for developers looking to achieve their “smart places” status. Set your sights on the future and help improve social, economic and environmental outcomes for people and the places in which they live, work, play and trade.



# Pricing

All standard pricing is outlined below and is inclusive of GST.

If backhaul exists:	No charge
Backhaul cost up to \$1000 per point:	up to 50% of cost
Backhaul cost over \$1000 per point:	up to 100% of costs over \$1000
Per end point cost:	up to \$600
First time connection charge per non-premises location:	up to \$300

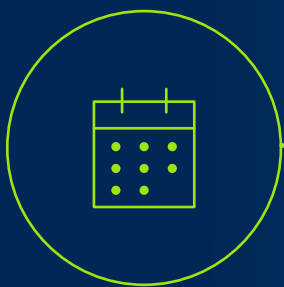




# Six simple steps to getting connected

To make it easy for developers, we have designed a simple six-step process.

Identifying that **nbn** Smart Places is right for you early in the design and planning stage is key. It's instrumental in bringing your vision to life, so that your project becomes the fully-fledged smart tech reality you've imagined from the beginning. Once the construction of the **nbn** fibre network in your development is completed, your buyers will be ready to connect to an **nbn** powered plan via a phone and internet provider. They can contact their preferred phone and internet provider to help get everything connected. Connection guides will be offered to providers to support the asset owners with the installation activities of the Customer Connecting Cable and SFP.



## 1. Early planning

Start planning early and apply at least six months before services are required.



## 2. Check eligibility

To check your eligibility and apply online if you are eligible, visit **nbn.com.au/buildwithnbn**



## 3. Design

Prepare your site for **nbn** to deliver the **nbn** infrastructure.



## 4. Build and certify

Once **nbn** has approved your designs, commence building.

Notify **nbn** when completed to arrange a site visit to check works are fit for purpose.

Once declared fit for purpose **nbn** will provide a Certificate of Practical Completion.



## 5. **nbn** install

**nbn** may coordinate the installation of the **nbn** network.



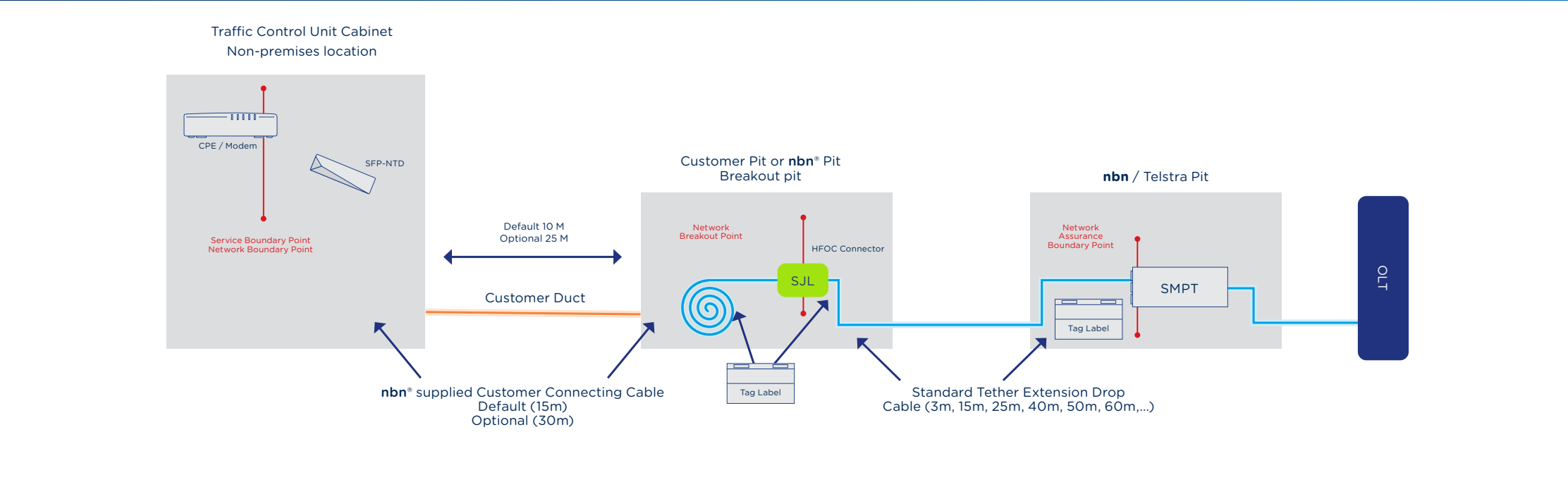
## 6. Connect

Ready to connect to an **nbn** powered plan via a phone and internet provider.

# Design, construct, and connect

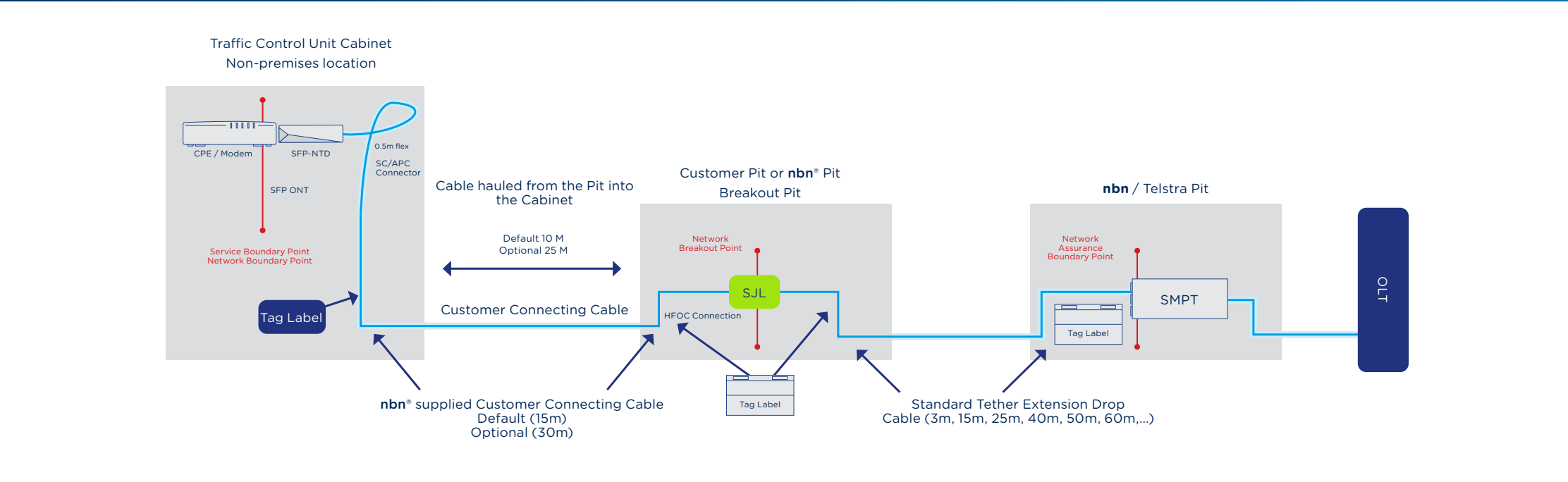
**nbn** Smart Places can be designed and constructed to suit the needs of your development partners through a range of part-build or full-build options.

**nbn Smart Places – Part Build:** This is the most common option developers use in the design and construction of the pit and pipe for **nbn** Smart Places. This enables the customer-connecting cable to be left in the breakout pit by **nbn** and coiled in place, ready to be used to prepare for connection of the service.



All construction and build activities to non-premises must be in line with specified **nbn** Construction Standards.

**nbn Smart Places - Full Build:** This requires **nbn** to complete the build to the non-premises location.



All construction and build activities to non-premises must be in line with specified **nbn** Construction Standards.



# Build with the future in mind and make **nbn** Smart Places part of the plan

As the needs of communities change, **nbn** will assist developers, builders, councils, and governments to create foundations that can be built on and improved. Smart places technology all over Australia will continue to be rolled out as cities grow – all with a connected future in mind.

The technological outlook of these smart cities and communities will become stronger through ongoing conversations with the people that call these suburbs, towns, and cities home. Developing with **nbn**'s digital backbone can help you to achieve a smart community vision that sets the tone for what's possible, and what's still to come.

For more information, please speak to your **nbn** New Developments Account Manager about **nbn** Smart Places today.

nbn Smart Places is under consultation and subject to change. While not yet available, nbn is accepting applications for builds to non-premises locations in new developments. Service connectivity availability will depend on phone and internet providers offering nbn Smart Places, and timing of product availability will be at provider discretion.







Build with **nbn**.