

## → New Homeowners Fact Sheet

### What is the National Broadband Network (NBN)?

The National Broadband Network (NBN) is a fibre broadband network designed to provide broadband access to 100 percent of Australian homes. It will provide the vital communications infrastructure and a super fast national broadband network that will serve Australia for decades to come, and residents in new developments will be among some of the first to benefit.

Like electricity today, broadband is rapidly becoming an essential service for Australians to participate in an increasingly online world. Once the NBN is built, the services provided over the NBN will have the potential to boost our economy and help stop us falling behind as other countries build their fibre networks.

In new developments where NBN fibre has been installed, multiple Service Providers will be able to offer superfast broadband products and services, and with the capacity for further upgrades in the future.

### Benefits of the NBN in your new home and across Australia

#### → Endless entertainment

Access to superfast broadband will allow you to have more time to watch, listen or play what you want with less time waiting. The NBN aims to enable superfast speeds to the 93% of Australians premises within the fibre footprint. The remaining 7% of premises will be covered by fixed wireless and satellite.\*

\*These speeds are dependent on factors such as the retail package you obtain from your service provider and your premises connection. Residents moving into NBN Ready Estates will be connected to the fixed fibre network within the NBN footprint.

#### → A better education for a brighter future

The NBN has the potential to help Australia become an international leader in educational innovation. Once built, services can be offered over the NBN that will enable our schools to effectively collaborate online regardless of location and support new teaching environments such as virtual classrooms and video streaming.

#### → Building better business solutions

Once built, the NBN has the potential to transform the way we do business by helping businesses overcome the barriers of time and distance. We expect that access to superfast broadband will give businesses the opportunity to increase productivity, save time and money and the ability to compete on a global scale.

The services provided over the NBN are expected to promote business efficiency, and may open up opportunities for businesses to hold meetings or liaise with suppliers and agents across Australia online - potentially saving time and costs associated with travelling.

#### → Improved medical technology

The opportunities for advancements in medical technology are one of the most exciting aspects of the NBN. Enabling expanded access to care through interactive internet consultations, supporting telemedicine and addressing health shortages through internet-based care are some of the ways that services are expected to be offered over the NBN to address the medical gap between urban and regional Australians.

In the future, regional cancer patients could have access to online services that provide the ability to consult with their oncologist and local doctor simultaneously, from the comfort of their home, via video conference. This will provide greater comfort as well as possible time savings and reduced cost.



## Preparing your new home for the NBN

In new developments where developers have engaged NBN Co to install the NBN, multiple Service Providers will be able to offer new homeowners access to telephone and superfast broadband products and services.

It's important that you speak to your builder about the telecommunications services you want to use in your new home. Your builder should be able to provide guidance on where you should place phone and data ports throughout your home to enable you to use the services you want now and into the future.

### Step 1 Plan for telecommunications services you want in your new home

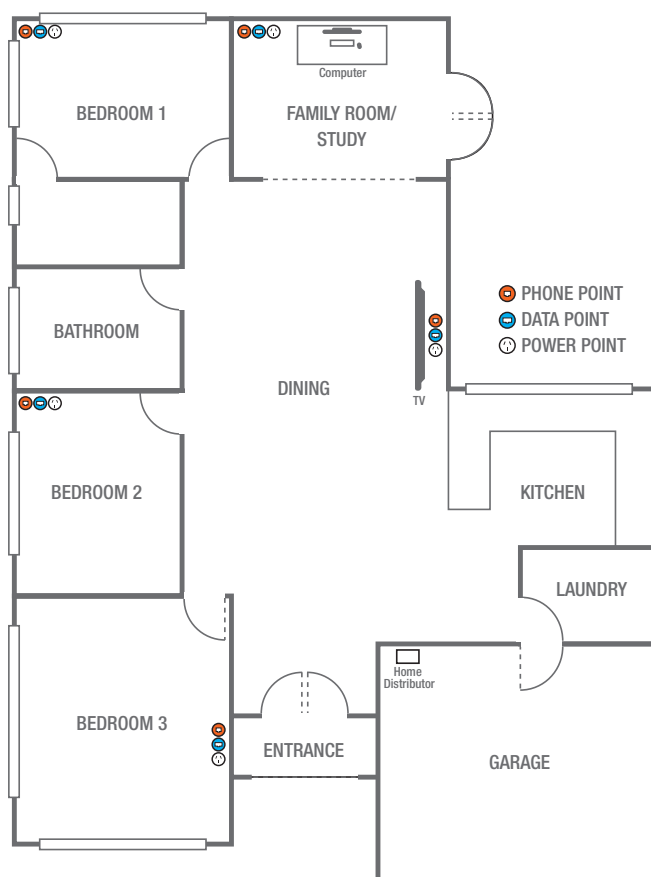
The NBN will enable Service Providers to offer more than just high speed internet. It has the potential to allow for new types of services to be offered that can be used throughout the house.

If you want to utilise applications like IPTV via a Smart TV in your living room or telework via HD video conferencing in your home office you will need fixed cabling in your home to run these services. A wireless modem connected to the NBN will not allow the speeds you will need to enjoy the benefits of these types of services.

Re-wiring your home in the future after construction can be costly, so it is worthwhile taking time to consider the different ways you may use the NBN in your new home and ensure your in-home-wiring reflects your needs.

Your first choice may still be the study/home office or it could be elsewhere, like the lounge room or kitchen. It is also worthwhile considering how you will connect services between rooms, particularly if you have more than one television. As broadband speeds increase there appears to be a trend towards cabling a home networking solution between rooms.

You have the opportunity to build your home to a standard to ensure it is able to support all of the applications and benefits offered over high speed broadband now and into the future. Think about which rooms you would like to have a telephone or data point in, and what services you may want to have throughout your house.



### Step 2 Discuss your telecommunications requirements with your builder

There are changes to the way in which a telecommunications network is now delivered into new developments where the NBN is being installed, which means it is important that these changes are understood by your builder. You will want to discuss with your builder where you want NBN equipment to be located in your home.

Plan with your builder where you want to use telecommunications services in your home and prepare your new home for applications and services that are available now, and for services that may become available over the NBN in the future. You may want to consider installing fixed cabling throughout your new home, rather than relying on a wireless modem.

Work with your builder to ensure your home wiring is done at least to a minimum standard to allow NBN to connect to your new home - ensure your builder is working to *NBN Co's In-Home-Wiring Guide for SDUS and MDUs* available online at: [www.nbnco.com.au/NewDevelopments](http://www.nbnco.com.au/NewDevelopments) under 'Technical Guidelines'.

## Step 3 Move into your new home and connect your services over the NBN

It is important to note NBN Co is a wholesale network provider, which means NBN Co is responsible for building, operating and maintaining the NBN, the infrastructure over which telecommunication services can be delivered. Services like telephone and broadband will be provided by Service Providers, not by NBN Co directly. You can contact your local Service Provider now to pre-order products and services over the NBN.

Please see the list of Service Providers below that have gone through the NBN on-boarding process and can deliver products and services over the NBN to your home once it is connected. Ten additional Services Providers are currently undertaking certification and should be listed in the coming weeks on our website: [www.nbnco.com.au/serviceproviders](http://www.nbnco.com.au/serviceproviders).

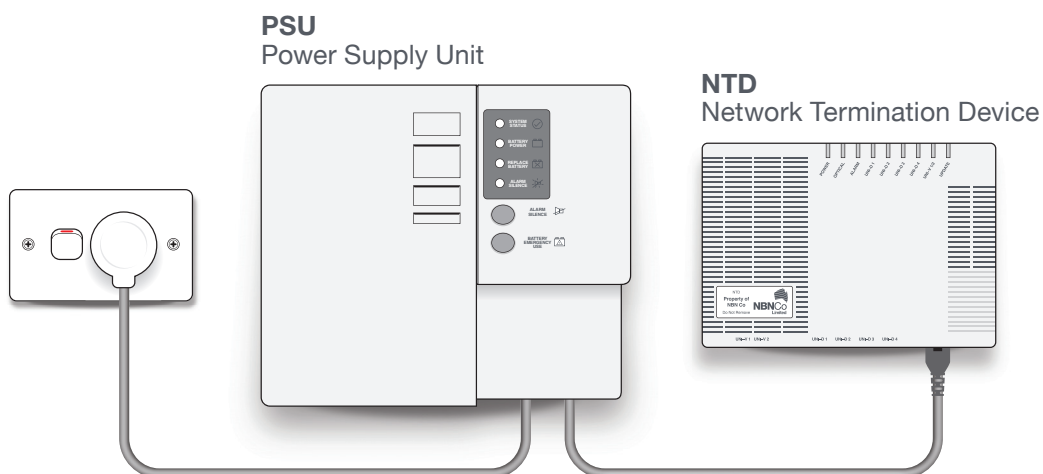
### NBN Co Certified Service Providers as of 11/07/2011:

- **iiNet** 13 19 17 [www.iinet.net.au](http://www.iinet.net.au)
- **Internode** 13 66 33 [www.internode.com.au](http://www.internode.com.au)
- **Telstra** 1800 008 994 [www.telstra.com.au/nbn](http://www.telstra.com.au/nbn)
- **iPrimus** 131 789 [www.iprimus.com.au](http://www.iprimus.com.au)
- **Exetel** 1300 393 835 [www.exetel.com.au](http://www.exetel.com.au)

If your address has not yet been registered with your local government authority you may need to provide your Lot and DP number to your Service Provider when you order your services. A Deposited Plan (DP) is the plan number given to a subdivision by state or local government.

## What will NBN Co be installing into your new home?

NBN Co will be installing a Network Termination Device (NTD) and a Power Supply Unit (PSU) within your home or garage to enable multiple Service Providers to connect the telecommunications products and services you want to use over the NBN in your new home.



Please remember to ask your builder if they are preparing your new home using [NBN Co's In-Home-Wiring Guide for SDUs and MDUs](http://www.nbnco.com.au/NewDevelopments) available online at: [www.nbnco.com.au/NewDevelopments](http://www.nbnco.com.au/NewDevelopments) to ensure your home wiring is done correctly and in an appropriate location enabling your home to connect to the NBN.

## If you would like more information about the NBN

- visit our website at: [www.nbnco.com.au](http://www.nbnco.com.au)
- call us on: 1800 881 816; or
- email us at: [info@nbnco.com.au](mailto:info@nbnco.com.au)



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