



A business-grade satellite network service.

With improved satellite beam coverage, more Australian businesses will soon have the ability to access business-grade satellite network services.*

Our suite of innovative wholesale product solutions help to enable service providers in offering access to both high-speed broadband and service levels designed to suit businesses needs.

Internet of things (IoT)

This service offers connectivity solutions, bringing new opportunities to businesses. The business nbn™ Satellite Service IoT product is designed to enable close to real-time access – which is ideal for businesses that require data monitoring for remote infrastructures such as gas pipelines, or the agricultural industry where connectivity is required for data collection devices in remote locations.^ This means you don't need a fixed address to enjoy the benefits of access to the service – which is fantastic news for businesses in regional areas.



Internet bandwidth to suit IoT

The business nbn™ Satellite Service IoT wholesale bandwidth starts from as low as 10/10 kbps⁺ (**see important information overleaf about retail speeds**) - this means customers can select (via their service provider) and pay for just the bandwidth they require.



Business-grade service

Our dedicated onshore experts in the business nbn™ Satellite Operations Centre assist service providers by managing all satellite connections, service requests and service incidents, (as defined in the service level agreement with providers), to help ensure businesses are connected when it matters most.



Wholesale bandwidth profiles

Whilst it may be low speed, IoT data can be mission critical – this means business nbn™ Satellite Service IoT offers both Committed Information Rate (CIR) and Peak Information Rate (PIR) wholesale bandwidth profiles.



Geographic coverage

The business nbn™ Satellite Service satellite beam coverage will soon expand to 100% of the continent, including all of mainland Australia, Tasmania and the large surrounding islands to help service providers deliver business-grade services to companies with hard to reach remote operations.*



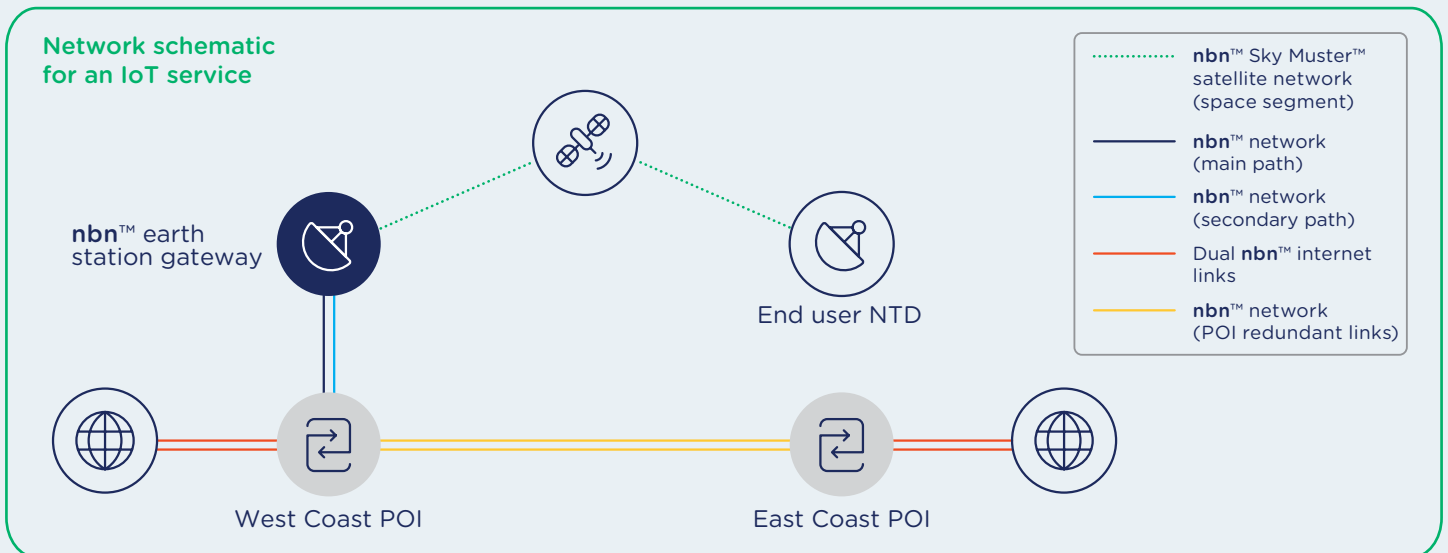
High reliability

A reliable network architecture that is designed to deliver readily available solutions.^

Key wholesale features and options include:

- Wholesale bandwidth with network performance options to suit IoT use cases.
- Service providers can select wholesale bandwidth to support data applications from as low as 10/10 kbps[†] up to 2/2 Mbps[†] (see important information below about retail speeds).
- Furthermore, wholesale bandwidth is available as both CIR or PIR bandwidth profiles.
- **nbn**'s satellite network design provides high redundancy as standard.
- **nbn** deploys **nbn**[™] IoT services with dual internet links (provided by **nbn**) at each Point of Interconnection (POI) to improve network availability.

IoT	
Satellite frequency	Ka band
NTD	0.74 metre dish 2.5W or 4W transceiver Gilat Gemini-e modem
CIR wholesale speed	10/10 kbps to 2/2 Mbps [†]
PIR wholesale speed	50/50 kbps to 2/2 Mbps [†]
Data quota	n/a
Service assurance	Standard: Bronze Optional: Silver, Gold
Target network availability	99.7%



Learn more about the network behind the business **nbn**[™] Satellite Service at nbn.com.au/satelliteforbusiness

Key term definitions:

CIR wholesale speed refers to the maximum wholesale speeds we commit to deliver (subject to defined performance characteristics and certain limitations) over our wholesale network to service providers.[†]

PIR wholesale speed refers to the maximum wholesale speeds to be delivered over our wholesale network to service providers. We do not commit to these speeds being available at all times during the day, such as during the busy period.[†]

[†]**Important information about retail speeds:** **nbn** provides wholesale services to phone and internet providers. The **nbn**[™] wholesale speed tiers available to providers vary depending on the business **nbn**[™] Satellite Service product selected. An end customer's experience using the business **nbn**[™] Satellite Service, including speeds and other performance characteristics, depend on a range of factors, such as the latency limitations inherent in satellite communications, the particular product and product features that have been selected by the service provider, the configuration of the products and product features being delivered, the time of usage in relation to certain internet-based access products, and other factors outside of **nbn**'s control (like their equipment quality, software, chosen broadband plan, signal reception, or how their service provider designs its network).

^{*}BSS satellite beam coverage to be extended to 100% of mainland Australia, Tasmania and major outer islands with proposed completion by 29 July 2021. Dates are based on information known to **nbn** at time of publication and may be impacted due to Covid-19 border closures or other unplanned events. An end customer's serviceability may be affected by a range of factors including whether there is a clear line-of-sight to the satellite, no interference, for example from other end user, retail service provider or third party equipment, and having a suitable location to install equipment. Plans over the business **nbn**[™] Satellite Service may not be offered by all providers.

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