



A business grade satellite network service designed for remote and regional Australia

Businesses in remote and regional Australia now have the ability to experience access to business grade network services via the business nbn™ Satellite Service.#

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

Internet of things (IoT)

This service offers connectivity solutions, bringing new opportunities to businesses in regional and remote Australia. 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 infrastructure such as gas pipelines, or the agricultural industry where connectivity is required for data collection devices in remote locations.^



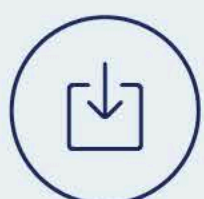
Internet bandwidth to suit IoT

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.



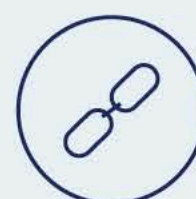
Business grade service

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.



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.



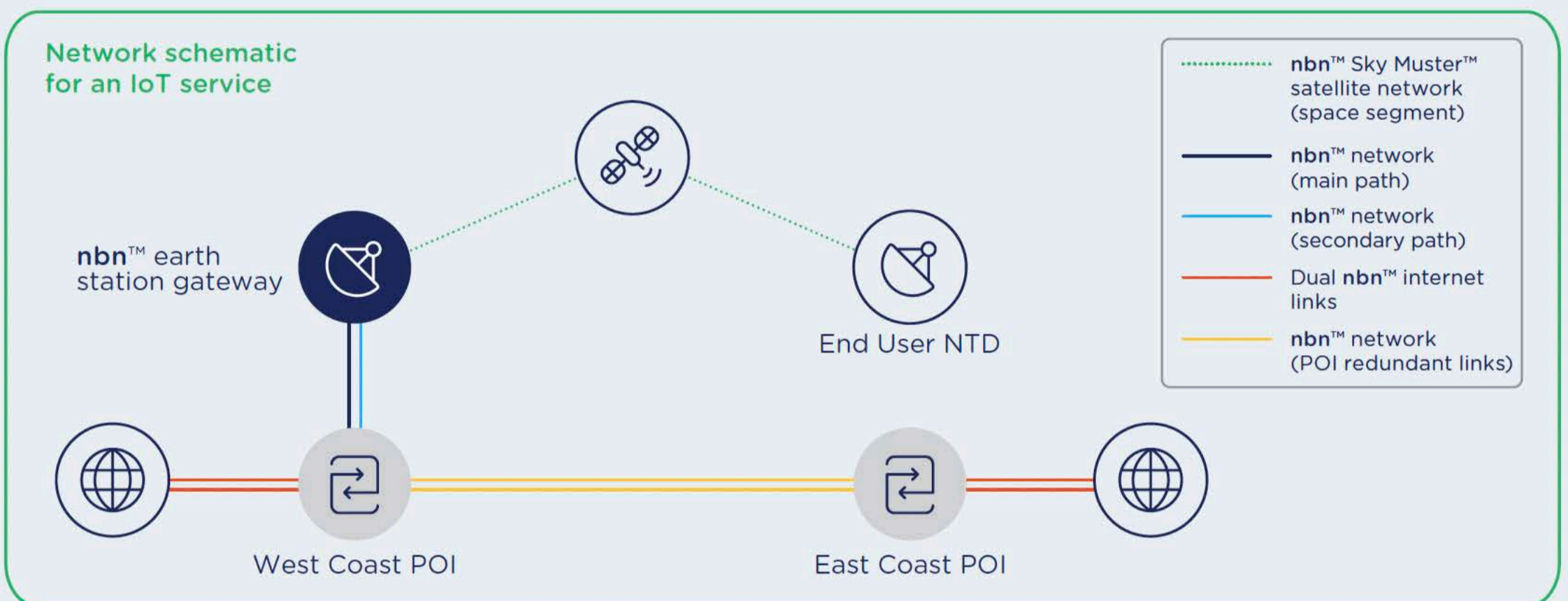
High reliability

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
PIR wholesale speed	10/10 kbps to 2/2 Mbps [†]
CIR 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.[†]

[†]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).

#Plans over the business **nbn**[™] Satellite Service may not be offered by all providers.

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