FIELD solutions
rural regional remote
TELECOMMUNICATIONS + SOFTWARE + CLOUD

retail service provider of
business nbn™

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.^
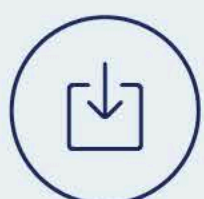
Internet bandwidth to suit IoT

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.
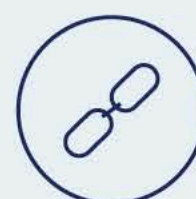
Wholesale bandwidth profiles

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.

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.
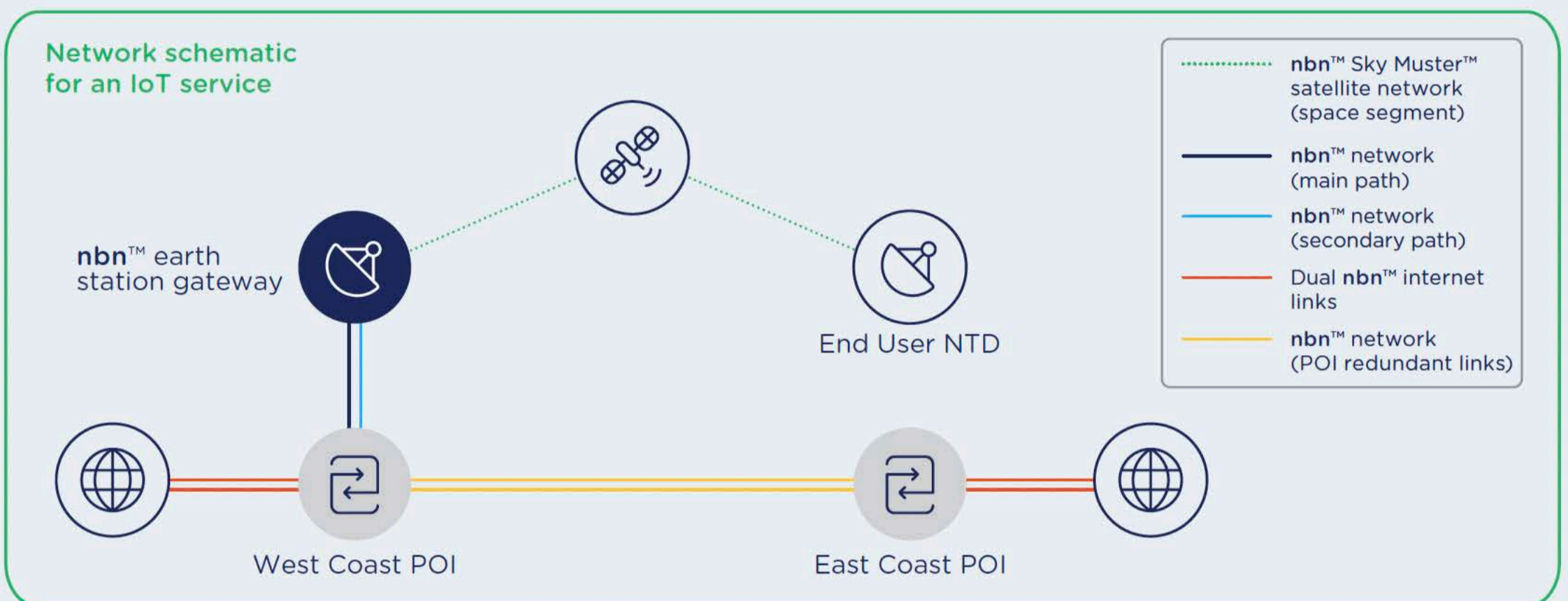
High reliability

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%

Network schematic for an IoT service

nbn™ earth station gateway

End User NTD

West Coast POI

East Coast POI

- nbn™ Sky Muster™ satellite network (space segment)
- nbn™ network (main path)
- nbn™ network (secondary path)
- Dual nbn™ internet links
- nbn™ network (POI redundant links)

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