



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

Australian businesses currently outside of **nbn**'s fixed line network footprint now have the ability to experience business grade network services via the business **nbn**[™] Satellite Service.[#] Our suite of innovative product solutions will enable service providers to offer a service that provides access to high-speed broadband and service levels designed to suit business' needs.

Internet of things (IoT)

Real time connectivity solutions bringing new opportunities to regional and remote Australia. The business **nbn**[™] Satellite Service is designed to enable close to real time access – 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 10/10kbps[†] - this means customers only pay for the bandwidth they require.



High reliability

A dependable network architecture that is designed to deliver an accessible network solution.[^]



Wholesale bandwidth profiles

Whilst it may be low speed, IoT data can be mission critical – with this in mind business **nbn**[™] Satellite Service IoT provides both Committed Information Rate (CIR) and Peak Information Rate (PIR) wholesale bandwidth profiles.

Key wholesale features:

Wholesale bandwidth with network performance options to suit IoT use cases

Service providers can procure wholesale bandwidth from as low as 10/10 kbps⁺ to support low data applications up to 2/2 Mbps⁺ – which can be used to support video transmission.[^]

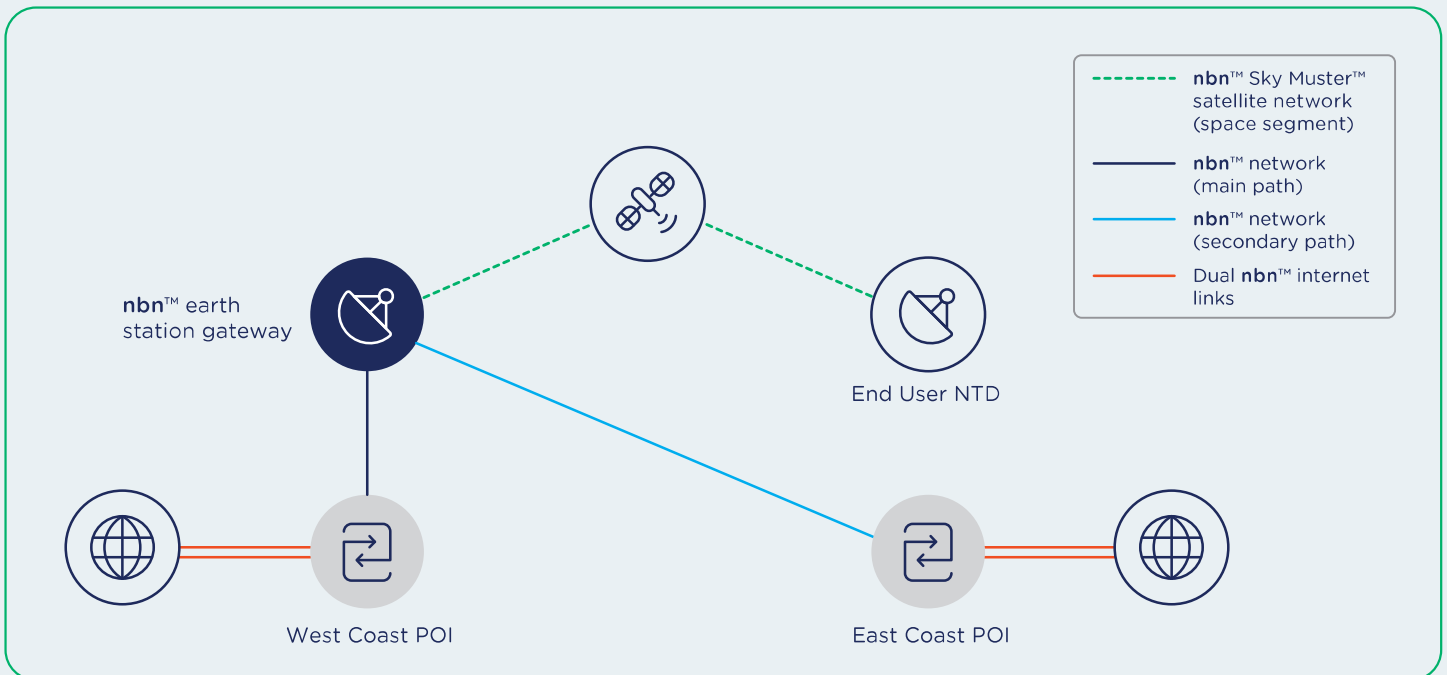
Furthermore, wholesale bandwidth is available as both CIR or PIR bandwidth profiles.

nbn's satellite network design provides high redundancy as standard

IoT is deployed with dual nbn-provided internet links, i.e. connects to two separate/different Points of Interconnection (POI), to improve network availability.

IoT	
Satellite Frequency	Ka band
NTD	0.74m dish 2.5W Gemini-e AC
PIR wholesale speed	Up to 2/2 Mbps ⁺
CIR wholesale speed	Up 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



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

⁺Plans over the business nbn™ Satellite Service may not be offered by all providers. [^]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). [†]nbn provides wholesale services to phone and internet providers. nbn™ wholesale speed tiers available to providers vary depending on the access technology in an end user's area. An end user'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).