



# 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**<sup>™</sup> Satellite Service.<sup>#</sup>

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.

## Access Bandwidth Service

Developed for enterprise and government customers in rural and regional areas who require the network performance that is essential to connect to private networks and access business critical applications.<sup>^</sup> ABS is targeted to launch in early 2020.



### High network performance

Enterprise applications demand committed data networks. ABS is designed to offer a Committed Information Rate (CIR) bandwidth profile with wholesale speeds up to 50/13 Mbps.<sup>†</sup>



### High reliability

ABS is built on a reliable network architecture designed for access to businesses critical applications and solutions.<sup>^</sup>



### Flexibility

With wholesale bandwidth on demand, time of day profiles and burst options planned, ABS is designed to provide customers the flexibility to consume bandwidth when they need it most.<sup>^</sup>

# Key wholesale features:

## High-speed wholesale bandwidth with a committed bandwidth profile

Flexibility to order Committed Information Rate (CIR) forward bandwidth of up to 50 Mbps and return wholesale bandwidth of 13 Mbps in 1 Mbps increments with no data usage limit (subject to fair use policy).<sup>†</sup>

## ABS burst

ABS is planned to provide service providers with the ability to deliver plans which include CIR bandwidth for critical business applications – and the additional capacity to burst to 10, 20 or 50 Mbps Peak Information Rate (PIR) forward bandwidth when needed and available.<sup>†</sup> This aims to provide the capacity required for data heavy applications.

## Wholesale bandwidth on demand

ABS is planned to be configurable to allow for occasional use – so the service is only active when required. Once activated, wholesale bandwidth is available at a predetermined profile. Designed for disaster recovery use cases or when the business has occasional, yet specific demand for satellite broadband access.

## Time of day

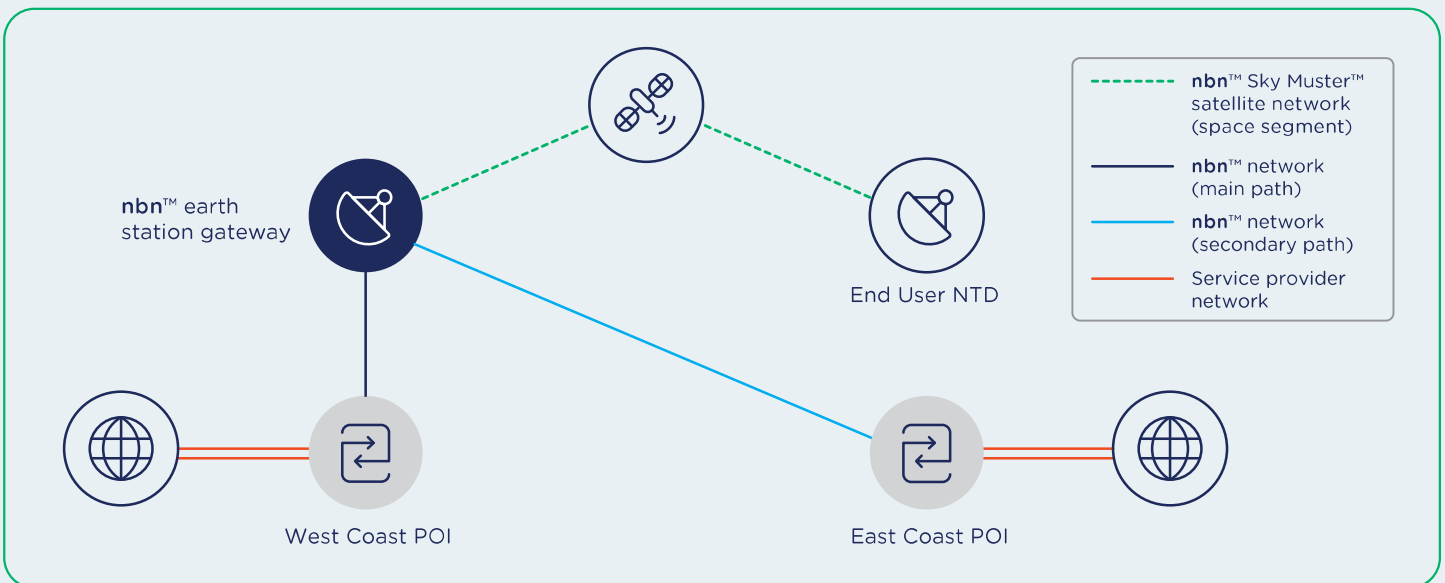
ABS is planned to allow for two wholesale speed profile settings per 24 hours – enabling a faster wholesale speed profile when you need it the most.<sup>†</sup>

## Network architecture

The business **nbn**<sup>™</sup> Satellite Service architecture will allow service providers to build a highly redundant solution with an indicative network availability target of 99.7%.

ABS	
Satellite Frequency	Ka band
NTD	1.2m or 1.8m (High Gain) dish 4W Capricorn-4 AC
PIR wholesale speed	Up to 50/13 Mbps <sup>†</sup> (ABP only)
CIR wholesale speed	Up to 50/13 Mbps <sup>†</sup>
Data quota	n/a
Service assurance	Standard: Bronze Optional: Silver, Gold
Target network availability	99.7%

Schematic for an ABS service showing maximum network redundancy with two network connections at each POI and the West Coast POI configured to be primary destination for data with the East Coast POI designed for redundancy.



Learn more about the network behind the business **nbn**<sup>™</sup> Satellite Service at [nbn.com.au/satelliteforbusiness](https://nbn.com.au/satelliteforbusiness)

<sup>†</sup>Plans over the business **nbn**<sup>™</sup> Satellite Service may not be offered by all providers. <sup>††</sup>An end customer's experience using the business **nbn**<sup>™</sup> 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**<sup>™</sup> 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**<sup>™</sup> broadband access network, depends on the **nbn**<sup>™</sup> 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).