business nbn™

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.

Access Bandwidth Service
This service is designed for business, enterprise and government customers that require network performance that can handle private networks and enable access to business critical applications in real-time.^

High network performance
Enterprise applications demand committed data networks. ABSL3 is designed to offer a Committed Information Rate (CIR) bandwidth profile with speeds up to 50/13 Mbps.† (See important information overleaf about retail speeds).

Flexibility
With wholesale bandwidth orderable in small increments and PIR burst options available, ABSL3 is designed to provide enterprise and government level customers with the flexibility to consume bandwidth when they need it most.^

High network reliability
ABSL3 is built on a reliable network architecture. It's physically designed to enable on-demand access to business critical applications and solutions.^

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.

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 large surrounding islands to help service providers deliver business-grade services to companies with hard to reach remote operations.*

Key wholesale features and options include:

High-speed wholesale bandwidth with a committed bandwidth profile

Flexibility for service providers to order Committed Information Rate (CIR) forward bandwidth of up to 50 Mbps† and return wholesale bandwidth up to 13 Mbps† **(See important information below about retail speeds)** in 1 Mbps increments with no data usage limit (subject to fair use policy).†

ABSL3 contended, uncontended CIR and PIR burst wholesale product options

nbn offers service providers a variety of wholesale plans for critical business applications with additional Peak Information Rate (PIR) bandwidth to burst to as high as 50 Mbps† **(See important information below about retail speeds)** or a range of bandwidth profiles with defined contention ratios. These plans are designed to help service providers provide the bandwidth for non-critical data-heavy applications whilst still providing the capacity required for business critical applications.^

VoIP (Voice over IP) Prioritisation

For end customers who have a VoIP application across their network, the ABSL3 wholesale product can be configured to prioritise VoIP traffic against all other traffic types.§ This feature maximises the quality of voice traffic over the satellite network.
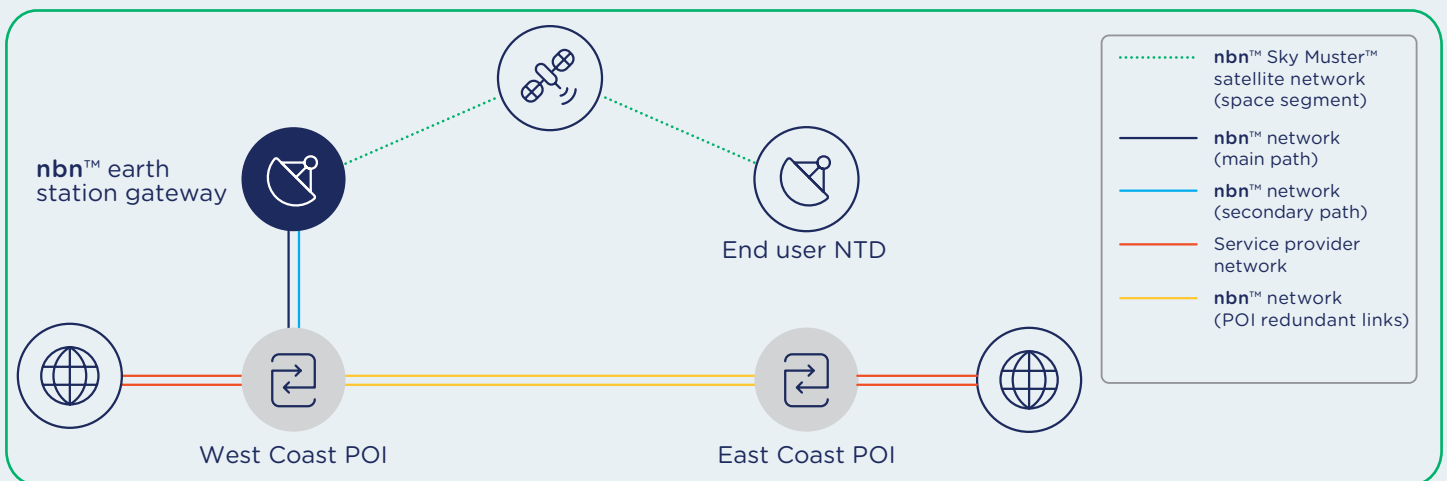
High redundancy as standard

Purposely designed, **nbn**'s Satellite Service offers high redundancy as a standard feature. ABSL3 is deployed with dual path links to the Point of Interconnect (POI). This gives service providers the option to provide both POI redundancy and dual path access at each POI in their network to customers requiring high levels of network availability.^

Network architecture

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

ABSL3	
Satellite frequency	Ka band
NTD	**1.2 metre dish** 4W transceiver Modem **High gain** (beam edge application) 1.8 metre dish 4W transceiver Modem
CIR and PIR wholesale speed for ABS Bandwidth Pool	Up to 50/13 Mbps†
CIR and PIR wholesale speed for ABS Burst	Up to PIR 50 Mbps† forward (with minimum order of CIR 5/1 Mbps†)
CIR and PIR wholesale speed for ABS Contended	Up to PIR 50/10 Mbps† (with CIR 5/1 Mbps†)
Data quota	n/a
Service assurance	Standard: Bronze Optional: Silver, Gold
Target network availability	99.7%

Schematic for an ABSL3 service showing maximum network redundancy with two network connections at each POI and the West Coast POI configured to be the primary destination for data with the East Coast POI designed for redundancy.

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)

Service provider network

nbn™ network (POI redundant links)

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