business **nbn**®

A business-grade satellite service designed to lift the digital capability of Australian businesses.*

Regardless of whether you're out in a regional or remote area,* Australian businesses can access business-grade satellite network services with **nbn's** comprehensive satellite beam coverage over mainland Australia, Tasmania and many of the large surrounding islands*. As part of our suite of innovative wholesale product solutions, they're designed to help service providers offer both high-speed broadband and the required service levels to suit a range of business' needs.

business **nbn** Mobility Virtual ISP & Private Network Layer 3

BSS Mobility VISP & Private Network Layer 3 are specifically designed for any on-site businesses that require access to high-speed broadband across Australia. This may include large mining or construction operations running 'crew welfare' applications and businesses seeking access to critical cloud-based applications.

There are two types of connectivity options available - Mobility VISP offering internet connectivity or Mobility Private Network Layer 3 offering private and secure connectivity via RSP networks. The choice is up to you.

Mobility Terminals
BSS Mobility are supported by two types of terminals; fly away and drive terminals, offering options for a range of mobility applications.

Satellite broadband internet access
Offering an asymmetrical Peak Information Rate (PIR) wholesale data speed of 30/5Mbps (see 'Key term definitions' below), combined with monthly data allowances (with automatic top-ups), our Mobility VISP & Private Network# solutions can be used for both regular uses, and in disaster recovery scenarios when you need it most.

High network reliability^
We understand that reliability is key for many businesses in remote locations. Mobility VISP & Private Network Layer 3 are built upon a reliable network architecture that is designed to deliver readily available solutions.

A network like no other
nbn is the only wholly Australian-owned space and ground infrastructure operator and wholesale satellite services provider in the country. Our $2 billion investment in our satellites and ground infrastructure is designed to specifically aid Australian businesses.

Access the network in most regional and remote areas
Mobility VISP & Private Network Layer 3 is a fully portable solution designed to allow your business to respond as you need it to. Its flexibility gives you the option to respond quickly to an unplanned event or simply change the way you deploy your workforce to business requirements.

Geographic coverage
The business **nbn** Satellite Service offers 100% beam coverage across mainland Australia, Tasmania and many of the large surrounding islands, to help service providers deliver business-grade services to businesses of all sizes, right across the country.*

Business-grade service
Our dedicated onshore experts in the business **nbn** Satellite Operations Centre assist providers by managing all satellite connections, service requests and incidents (as defined in the service level agreement with providers) to help ensure businesses are connected when it matters.

Key wholesale features and options include:

High-speed internet access

Mobility VISP & Private Network Layer 3 allows providers to offer end customers a choice of plans based on the Peak Information Rate (PIR) 30/5Mbps wholesale speed tier (see 'Key term definitions' and 'Important Information' below).

Important Information: The wholesale speed tiers available to providers vary depending on the business **nbn** Satellite Service product selected. An end customer's experience, 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). Availability to providers varies depending on standard monthly contracted monthly data quotas ranging from 100 to 1,000GB in 100GB increments. If contracted quotas are exceeded, additional data quotas will automatically be added and charged in 100GB increments.

VISP & Private Network Layer 3 can be configured to prioritise voice communications

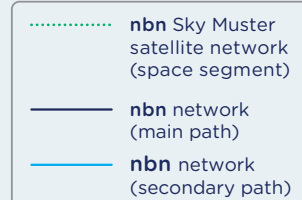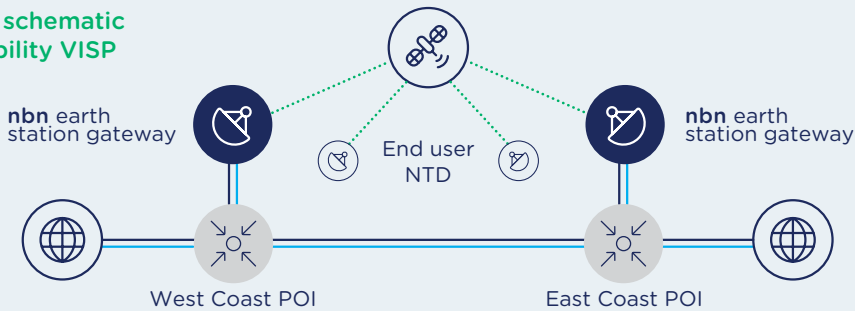Voice traffic can be prioritised using Committed Information Rate (CIR) data over **nbn's** satellite network.§

nbn's satellite network design provides high redundancy as standard

nbn deploys VISP services via dual internet links (provided by **nbn**) at each Point of Interconnection (POI) to improve network availability.
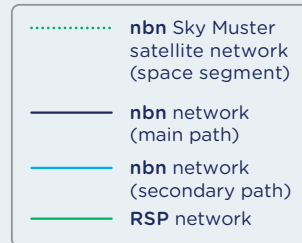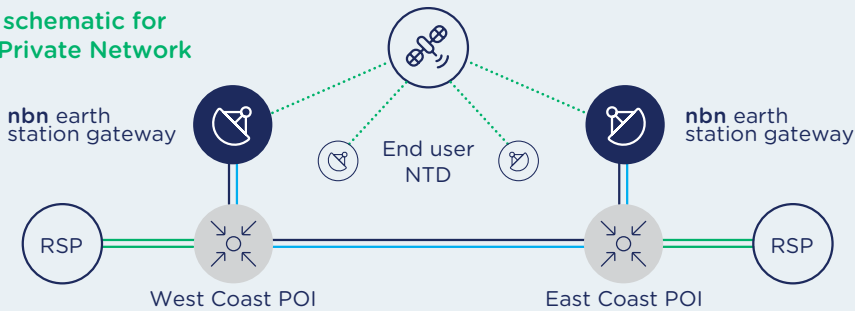
nbn Mobility Virtual ISP (VISP) wholesale features and options^ (see "key term definitions below")		
Features	WAN and GRE Optimisation VOIP Prioritisation Encryption over the air QoS marking	
Satellite frequency	Ka band	
BSS Terminal	COTP FlyAway 0.74 metre dish (auto point) 4W transceiver Modem Transit cases	COTP DriveAway 0.98 metre dish (auto point) 4W transceiver Modem
PIR wholesale speed	30/5 Mbps	
Data quota	Contracted in increments of 100GB up to 1000GB. When contract amount is exceeded, data added and charged in 100GB increments.	
Service assurance	Standard: Bronze only	
Target network availability	99.7%	

Network schematic for a Mobility VISP service

nbn earth station gateway — End user NTD — nbn earth station gateway
West Coast POI — East Coast POI

- nbn Sky Muster satellite network (space segment)
- nbn network (main path)
- nbn network (secondary path)

Network schematic for Mobility Private Network Layer 3

nbn earth station gateway — End user NTD — nbn earth station gateway
RSP — West Coast POI — East Coast POI — RSP

- nbn Sky Muster satellite network (space segment)
- nbn network (main path)
- nbn network (secondary path)
- RSP network

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. *An end customer's serviceability may be affected by a range of factors including whether there is a clear line-of-sight to the satellite, no interference, for example from other end customer, retail service provider or third party equipment, and having a suitable location to install equipment. Plans over the business **nbn** Satellite Service may not be offered by all providers. The business **nbn** Satellite Service provides voice support for VoIP carriage and is not a voice provider. 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).