



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.

Virtual ISP

Virtual ISP (VISP) has been developed to provide business grade network access with a number of options that offer the wholesale speed and network reliability to support businesses in regional and remote Australia.[^] The business **nbn**[™] Satellite Service enables access to cloud-based business applications, eCommerce, voice,[§] disaster recovery and 'crew welfare', which could include employee entertainment and communication services such as Skype and Netflix.[^]



Satellite broadband internet access

A choice of symmetrical or asymmetrical wholesale speeds.[†]



High reliability

A reliable network architecture that is designed to deliver readily available solutions.[^]



Flexibility

Optional product features that allow for customisation to suit the needs of different businesses.

Key wholesale features:

High-speed internet access

The business **nbn**[™] Satellite Service provides a choice of three wholesale speeds on VISIP for service providers to offer customers:

- 30/1 Mbps[†]
- 30/5 Mbps[†]
- 13/13 Mbps[†]

Standard monthly data quotas offer up to 1,000GB/mth. If standard quotas are exceeded, additional data quotas will be charged in 100GB increments.

Fleet plans allow businesses to manage data quotas across premises (available at a date notified by nbn)

VISIP allows service providers to pool the data quotas of businesses with multiple premises – effectively enabling end customers to better manage their data usage and reduce costs.

VISIP 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

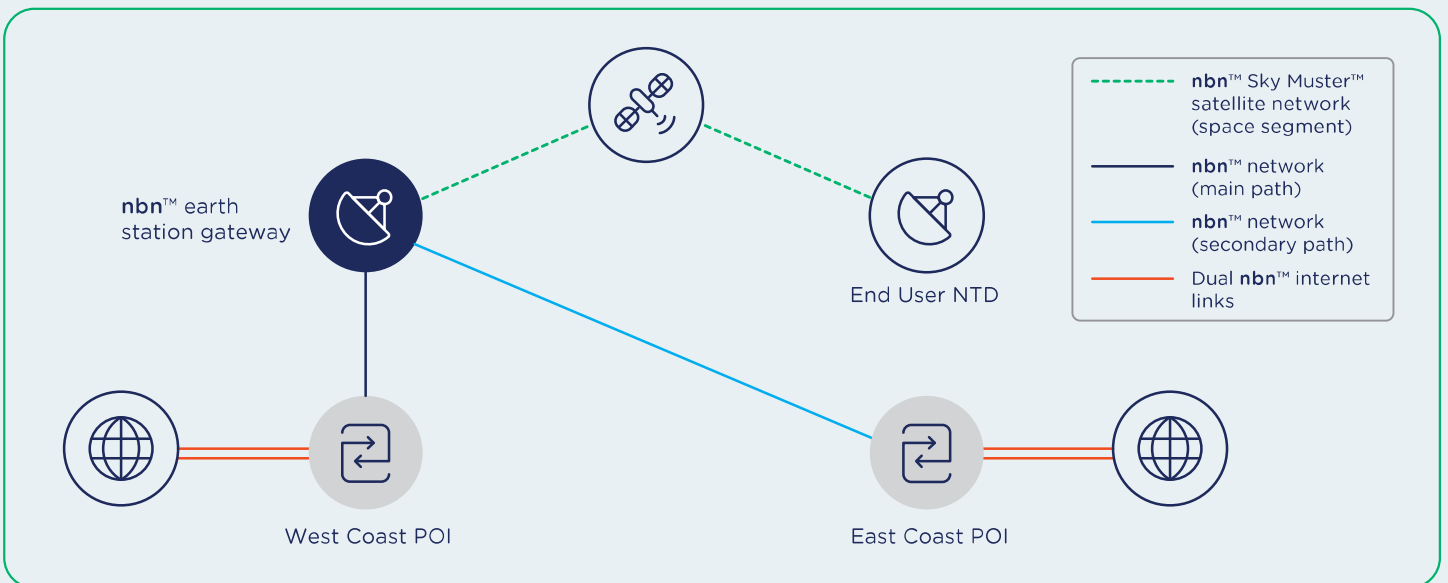
nbn deploys VISIP services with dual **nbn**-provided internet links at each Point of Interconnection (POI) to improve network availability.

VISIP can be deployed as a disaster recovery service (target to launch early 2020)

The VISIP 13/13 Mbps[†] wholesale service can be deployed in 'stand-by' mode—with wholesale bandwidth provided only when it is triggered by the service provider. This enables service providers to offer a disaster recovery solution through the business **nbn**[™] Satellite Service for businesses within the business satellite service footprint.

VISIP	
Satellite Frequency	Ka band
NTD	VISIP (13/13 Mbps) [†] 1.2m or 1.8m (High Gain) dish 4W Capricorn-4 AC
	VISIP (30/1 Mbps, 30/5 Mbps) [†] 0.74m or 1.8m (High Gain) dish 2.5W Gemini-e AC or 4W Capricorn-4 AC (High Gain)
PIR wholesale speed	13/13, 30/1 or 30/5 Mbps [†]
CIR wholesale speed	n/a
Data quota	Any number of 100GB increments (up to 1000GB per billing period)
Service assurance	Standard: Bronze
	Optional: Silver, Gold
Target network availability	99.7%

Network schematic for a VISIP 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. [‡]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). [¶]**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).