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## Activ8me Business Satellite Service

A business grade satellite service for remote, rural and regional Australia

### Overview

Activ8me Business Satellite Service enables us to continue to deliver on our mandate to provide better connections for every corner of Australia,

With limited broadband options for businesses in remote, rural and regional Australia, the suite of solutions powered by Business nbn™ will overcome many of the current challenges faced such as small data limits and low speed tiers.

The Business Satellite Services consist of four core products, with varying features available to meet your requirements and your business outcomes. The core products are:

- Virtual ISP (VISIP) - Internet access with speed options for businesses.
- Internet of Things (IoT) – Enables connectivity for IoT devices and machine to machine communications.
- Access Bandwidth Service (ABS) – High quality bandwidth to access critical business applications that was developed with enterprise and government organisations in mind.
- Business grade service support – Three levels of service from standard business hours to 24/7.

The Business nbn™ satellite network leverages existing geostationary high throughput satellites, the purpose built terrestrial networks and ground stations to provide a business grade network with redundancy.

At your site/location the solution will utilise business grade hardware, with options dependent upon the core product and the features required.

### Compatible with Activ8me Business Solutions:

- Activ8me Hub Series
- Activ8me Extended Wireless
- Activ8me Public WiFi
- Activ8me Merchant Service
- Activ8me (BOS) Business VOIP

### Contact:

**For Information about the Activ8me Business Solution, visit**  
**[www.activ8me.net.au](http://www.activ8me.net.au) or email**  
**[corpratesale@apn.net.au](mailto:corpratesale@apn.net.au).**

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Activ8me is Australian owned and operated with over 16 years remote and rural installation experience, enabling us to be Australia's largest satellite internet service provider, and support all Business Solutions from their Australian based research and development team, Customer Care Centre (CCC) and National Operations Centre (NOC).

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## Activ8me BSS – Product Comparison

The following table articulates the variances between the nbn™ Satellite solutions

Feature	VISP	IoT	ABS	Sky Muster
Unlimited Data	✓	✓	✓	X
Encryption	✓	✓	✓	X
VoiP Prioritisation	✓	X	✓	X
CIR Speed	X	✓	✓	X
QoS Marking	✓	✓	✓	X
Fleet Plan	✓	X	X	X
Access Bandwidth Pool (ABP)	X	✓	✓	X
Disaster Recovery	✓	X	X	X
Redundancy	✓	✓	✓	X
Burst (PIR)	X	X	✓	X
Bandwidth on Demand	X	X	✓	X
Time of Day (Bandwidth)	X	X	✓	X
Operational Assurance Service – Enhanced (Gold, Silver or Bronze)	✓	✓	✓	X
Additional VLANS	X	X	✓	X
Speed (Mbps)	30/1, 30/5, 13/13	0.01 to 2.00	Up to 50/13	12/1, 25/5

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## Activ8me BSS – Virtual ISP (VISP)

A business grade satellite service for remote, rural and regional Australia

With limited broadband options for businesses in remote, rural and regional Australia, Activ8me's suite of solutions powered by Business nbn™ Business Satellite Service will overcome many of the current challenges, such as small data limits and low speed tiers.

In the age of everything moving to or being digital gaining access to the businesses essential and critical applications (cloud based or hosted), requires the right communications network. Activ8me's solutions can deliver this along with enabling core employee wellbeing services, such as Social Media, WiFi Calling and entertainment.

### HIGHLIGHTS

**Suited for** – Small to medium businesses in remote, rural and regional Australia

**Broadband/Internet Access** – Symmetrical or Asymmetrical speeds with three tiers to choose from:

- 30/1Mbps
- 30/5Mbps
- 13/13Mbps

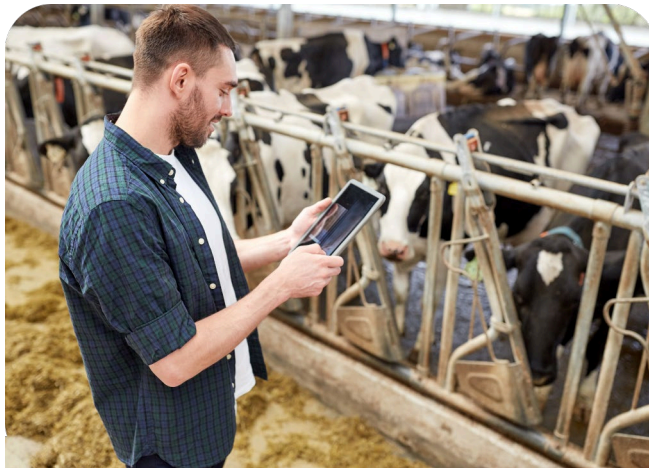
**Data Management** – Base monthly data quota can be purchased up to 1Tb per month. If base monthly data quotas are exceeded, the additional data is charged in 100Gb increments.

**Fleet Plan**– Allows businesses to manage data usage across multiple locations through data pooling to minimise data cost.

**Traffic Priority for VOIP** – Voice traffic can be given priority over other network traffic.

**VISP as a Disaster Recovery Solution** – Can be used as a standalone Disaster Recovery solution. Will be at 13/13Mbps and can be set in Stand-by Mode. Monthly fee with an activation fee per 100Gb when triggered.

Activ8me is Australian owned and operated with over 16 years remote, rural and regional installation experience.



### Designed with

- Remote, rural and regional Australia in mind
- Flexibility to meet requirements through optional features
- Network Reliability through robust network architecture

### Compatible with Activ8me Business Solutions:

- Activ8me Extended Wireless
- Activ8me Public WiFi
- Activ8me Merchant Service

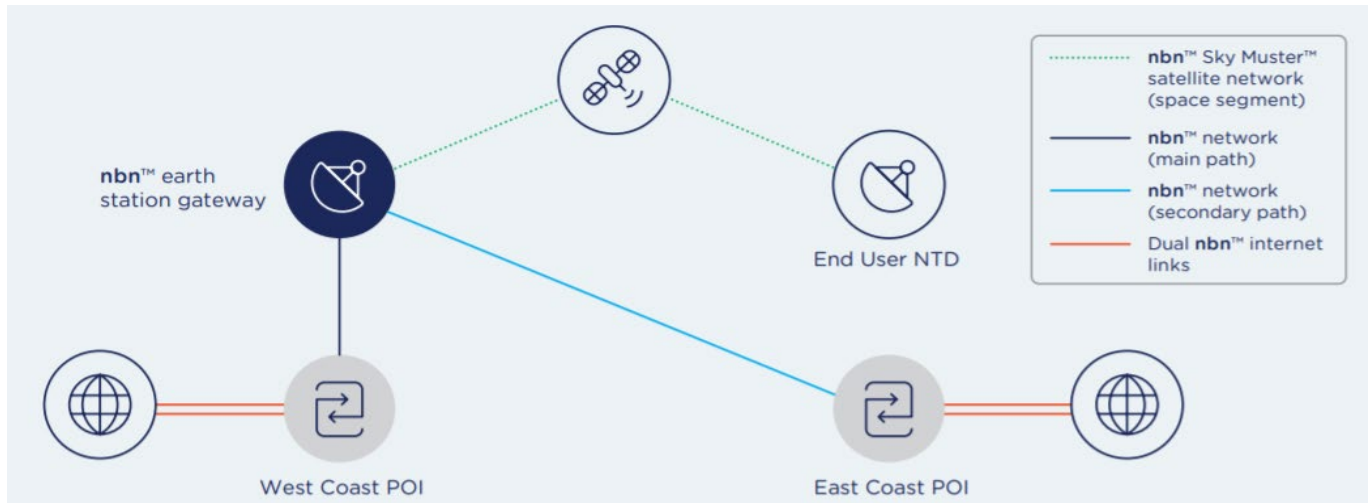
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## Activ8me BSS – Virtual ISP (VISP) – Specifications

Network schematic for a VISP Service (picture source nbn™ fact sheet)



Feature	Specification
<b>Satellite Frequency</b>	Ka band
<b>NTD</b>	VISP (13/13Mbps) – 1.2m or 1.8m (high Gain) dish, 4W Capricorn-4AC VSIP (30/1Mbps or 30/5Mbps) – 0.74m or 1.8m (High Gain) dish, 2.5W Gemini-e AC or 4W Capricorn-4 AC (High Gain)
<b>PIR Speed</b>	13/13Mbps, 30/1Mbps or 30/5Mbps
<b>CIR Speed</b>	Not Applicable
<b>Data Quota</b>	Any number of 100Gb increments
<b>Service Support (Assurance)</b>	Standard Bronze Options to increase to Silver or Gold
<b>nbn™ Target network availability</b>	99.7%

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 customer, 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).

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## Activ8me BSS – Internet of Things (IoT)

A business grade satellite service for remote, rural and regional Australia

Connectivity is a key element of supporting IoT.

As we all appreciate knowledge is power, IoT is about the power of data. In a world where everything is digitally connected, data and information is a critical asset enabling smart decisions to be made.

IoT can also enable you to act on the data through real time applications and machine to machine actions, remotely without the need to be present at the location.

Activ8me's BSS IoT product powered by nbn™ can enable your IoT solution to be connected.

### HIGHLIGHTS

**Suited for** – All businesses in remote, rural and regional Australia.

#### **Broadband/Internet Access** –

- Is available in both Committed Information Rate (CIR) or Peak Information Rate (PIR).
- Bandwidth from as low as 10Kbps forward and 10Kbps return to maximum of 2Mbps forward and 2Mbps return.

**Data Management** – No data usage limit



### Designed with

- Remote, rural and regional Australia in mind
- Flexibility to meet requirements through CIR or PIR
- Network Reliability through robust network architecture

### Compatible with Activ8me Business Solutions:

- Activ8me Business Hub
- Activ8me IoT solutions

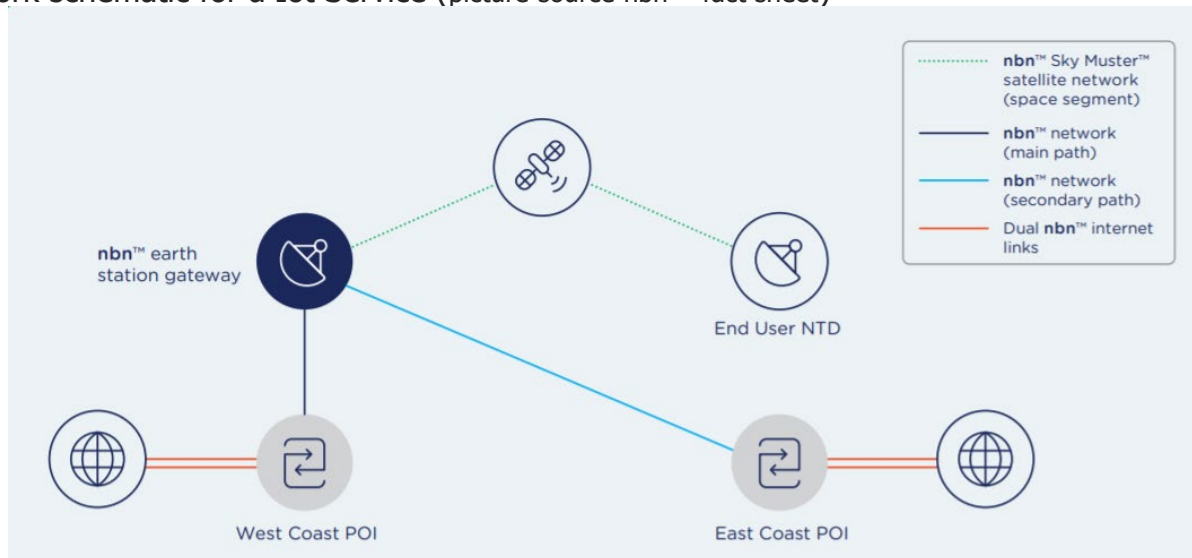
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Activ8me is Australian owned and operated with over 16 years remote, rural and regional installation experience.

## Activ8me BSS – Internet of Things (IoT) – Specifications

Network schematic for a Iot Service (picture source nbn™ fact sheet)



Feature	Specification
Satellite Frequency	Ka band
NTD	0.74m dish, 2.5W Gemini-e AC
PIR Speed	Up to 2/2Mbps
CIR Speed	Up to 2/2Mbps
Data Quota	N/A
Service Support (Assurance)	Standard Bronze Options to increase to Silver or Gold
nbn™ Target network availability	99.7%

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## Activ8me BSS – Access Bandwidth Service (ABS)

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Targeted launch due in early 2020

A business grade satellite service for remote, rural and regional Australia

With limited broadband options for businesses in remote, rural and regional Australia, the suite of solutions powered by Business nbn will overcome many of the current challenges faced such as small data limits and low speed tiers.

Activ8me understands the need for business grade connectivity solutions can be critical for your operations. If having the comfort of knowing your operations has a Committed Information Rate (CIR) and flexibility to increase the CIR at peak periods or when an application requires it is a necessity then the Activ8me BSS – ABS product is for you.

### HIGHLIGHTS

**Suited for** – Enterprise and Government organisations or if your business demands this type of performance in remote, rural and regional Australia.

**Broadband/Internet Access** – Ability to order a Committed Information Rate (CIR) to meet your data requirement demands, up to 50Mbps CIR forward and 13Mbps CIR Return in 1Mbps increments.

**Data Management** – No data usage limit

**Burst Capability** – Insurance in addition to your CIR for data heavy applications, with the ability for additional capacity via a burst up to 10, 20 or 50Mbps Peak Information Rate (PIR) forward, when available, ie. CIR 5/2Mbps with 20Mbps burst, at time of burst would have 20/2Mbps if available.

**Bandwidth on Demand** – Enables additional CIR capacity when required. Additional capacity is in 1Mbps increments above your baseline CIR and is provisioned to be available when required.

**Time of Day** – Ability to set two different CIR forward and CIR Return profiles based on your critical business hours, ie. 10.00am to 17.00pm can be higher CIR's than 17.00pm to 10.00am.

Activ8me is Australian owned and operated with over 16 years remote, rural and regional installation experience.



### Designed with

- Remote, rural and regional Australia in mind
- High network performance through Committed Information Rate (CIR)
- Flexibility to meet requirements through optional features
- Network Reliability through robust network architecture

### Compatible with Activ8me Business Solutions:

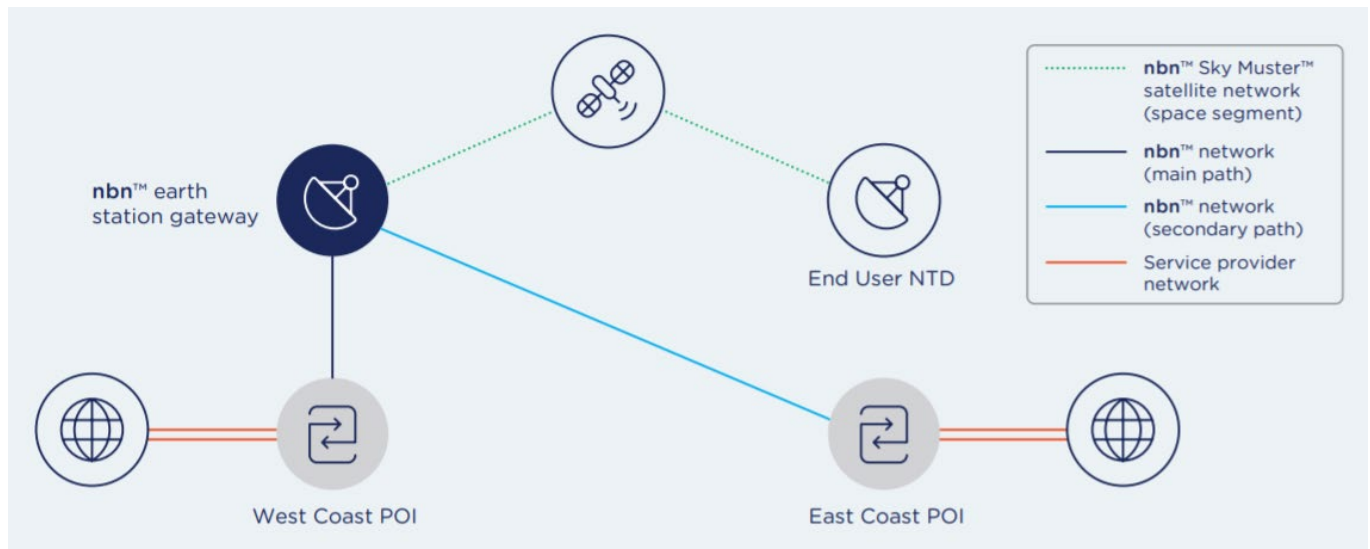
- Activ8me Business Hub
- Activ8me Extended Wireless
- Activ8me Public WiFi
- Activ8me Merchant Service

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## Activ8me BSS – Access Bandwidth Service (ABS) – Specifications

Network schematic for a ABS Service (picture source nbn™ fact sheet)



Feature	Specification
<b>Satellite Frequency</b>	Ka band
<b>NTD</b>	1.2m or 1.8m (high Gain) dish, 4W Capricorn-4AC
<b>PIR Speed</b>	Up to 50/13Mbps (Burst capability feature only), in 3 options: <ul style="list-style-type: none"> <li>Up to 10Mbps forward</li> <li>Up to 20Mbps forward</li> <li>Up to 50Mbps forwards</li> </ul>
<b>CIR Speed</b>	Up to 50Mbps forwards in 1Mbps increments Up to 13Mbps return in 1Mbps increments
<b>Data Quota</b>	Unlimited
<b>Service Support (Assurance)</b>	Standard Bronze Options to increase to Silver or Gold
<b>nbn™ Target network availability</b>	99.7%

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