



Business grade data services over the **nbn**[™] broadband access network

nbn offers three Traffic Classes (TC) to phone and internet service providers, which they use to create products sold directly to you. Each Traffic Class has a different primary purpose. TC 4 is designed for general internet data (including residential grade internet), while TC 1 is designed to accommodate Voice over Internet Protocol (VoIP) services.

TC 2, meanwhile, is designed to provide access to high performance data for applications and services that require consistent, predictable download and upload speed requirements – including IPTV, video conferencing, e-commerce and business-critical cloud services. So we've designed TC 2 to provide access to the following features:

- A Committed Information Rate (CIR) at a wholesale level, designed to help make your data services performance consistent.
- Symmetrical wholesale download and upload speeds, designed to help make interactive applications like video conferencing seamless.*
- Defined latency, jitter and loss characteristics, as listed in the Wholesale Broadband Agreement helping enable a better business grade service.

Key features and benefits

A Committed Information Rate (CIR) at a wholesale level

No matter which provider you choose, your applications and services are backed by steady, consistent wholesale bandwidth with ensured throughput.*

Symmetrical wholesale download and upload speeds*

Because TC 2 is designed for interactive, real-time applications like video conferencing, as well as cloud-hosted platforms and services, it provides wholesale symmetrical download and upload speeds.

Defined latency, jitter and loss

TC 2 is designed to provide predictability for interactive business grade applications like video conferencing* and help ensure that your staff and most importantly your customers enjoy a high quality user experience.



Please contact The Uplink Telecom for more information

What kind of applications and services need Traffic Class 2?

The more important the application or service to your business, the more appropriate TC 2. You'll also need to consider TC 2 for real-time interactive applications, like video conferencing, as well as applications central to the customer experience, like e-commerce transactions.



Broadcast TV and IPTV



Software as a Service applications



Video conferencing



Business-critical cloud services, including Platform as a Service (PaaS)



Live audio and video streaming



Video surveillance



Data back-up



Real-time data recovery



Video on demand



E-commerce



Security data transmission - including VoIP services



VPN access

Important: if your network is using Multiprotocol Label Switching (MPLS), you will need a TC 2 product to maintain a similar experience to the one you have now. We strongly recommend TC 2 products in this instance.

Please note

Remember that **nbn** is a wholesaler, which means that business data products and other broadband services must be bought from a phone and internet provider. There are many providers offering high quality business services today, and you can find a list of providers on the **nbn**™ website nbn.com.au/businessproviders

*Your experience, including the speeds actually achieved over the **nbn**™ broadband access network, depends on the technology over which services are delivered to your premises and some factors outside our control (like your equipment quality, software, signal quality, broadband plans and how your service provider designs its network). **nbn** is a provider of wholesale speeds to internet providers. **nbn**™ wholesale speed tiers available to your internet provider vary depending on the access technology in your area.