



# TASNETWORKS – DATA BACKHAUL SOLUTION

TasNetworks\* is a Tasmania-based government supplier of electricity and wholesale provider of Ethernet and dark fibre networks to residential and business customers in Tasmania and interstate. Reliable, cost-effective data connectivity with mainland Australia is key to its business success.

## 01 THE CHALLENGE

World-class data connectivity that's reliable, scalable and backed by ongoing technical and operational support is critical for any wholesale network provider. As TasNetworks' bandwidth needs grew it recognised the need for a dedicated, high-capacity solution for data connectivity between its data centre and the mainland. It needed a robust solution with diverse paths and network redundancy, underpinned by solid backup and operational support. The solution needed to be fully scalable to allow for changes in customer demand. Importantly, any solution it adopted also needed to be cost-effective.

## 02 THE SOLUTION

TasNetworks partnered with Telstra Wholesale, purchasing a dedicated, scalable 2.5GB Backhaul service via an undersea cable between Melbourne and Tasmania to meet its requirement for high capacity backhaul.

High, dedicated bandwidth means TasNetworks can easily and confidently service a full suite of high bandwidth demanding applications. Its scalable capacity enables TasNetworks to choose from bandwidths between 2Mbps and 10Gbps, with Synchronous Digital Hierarchy (SDH) and Ethernet interface options. And scalability options with related pricing tiers mean it now pays only for what its end users use – not paying for bandwidth capacity that may go unused.

A choice of resiliency options means TasNetworks can align the network protection level with its business requirements and benefit from high service availability of up to 99.97%. And backed by 24x7 service monitoring and fault repair, with performance backed by Telstra's assurance service levels, it can have peace of mind and confidence in its service availability.

## 03 THE BENEFITS

- Partnering with a tier one telco supports TasNetwork's reputation as a reliable, quality service provider and as a serious player in the data centre market.
- The reliability of the Telstra network helps TasNetworks grow its business and retain customers within Tasmania and supports its position as preferred service provider to the Tasmanian government.
- Telstra's world-class network backed by redundancy options and unsurpassed service assurance levels gives TasNetworks confidence in its service level assurance (SLA) parameters to customers.
- Solution scalability allows the flexibility to grow business incrementally and adjust capacity as end user demand changes – reducing upfront investment and cost, improving operational efficiencies and reducing time to market.
- Dedicated, high bandwidth enables TasNetworks to easily and confidently service a full suite of high bandwidth demanding applications.
- TasNetworks now has the ability to backhaul a broad range of performance sensitive traffic and cost-efficiently prioritise traffic according to network and end user needs.

## POWER YOUR BUSINESS INTO THE FUTURE

When you're connected to Telstra Wholesale, Australia's leading wholesale telecommunications provider, you can take full advantage of all the opportunities coming your way.

We offer a great range of solutions across our Data and IP, Broadband and Voice, Mobility, Facilities Access and NBN portfolios. Combined with a robust and resilient network, our products give your customers the level of connectivity, service and reliability they demand.

Whether you run an extensive network or a niche service, you can rely on us to connect all the pieces of the puzzle together and work tirelessly behind the scenes so you can focus on what you do best – looking after your customers.

Discover what's possible with our networks, technology and services powering your business.

[telstrawholesale.com/possibilities](https://telstrawholesale.com/possibilities)

\* TasNetworks was previously Auroracom. The spectrum device and ™ and ® are trade marks and registered trade marks of Telstra Corporation Limited, ABN 33 051 775 556.

“Telstra Wholesale took the time to understand our business needs and develop a flexible, cost-effective, end-to-end data backhaul solution that gives us more ways to grow our business.

“Built-in redundancy backed by robust 24x7 service and fault assurance gives us full confidence in the reliability of our service. And being fully scalable, we know we can meet our customers' changing bandwidth needs and continue to grow our business without carrying the risk of large upfront investment.”

Dean Dixon  
Business Development Manager,  
TasNetworks