



## SABRENet is the fibre optic network linking South Australian research facilities with the rest of the world.

Research facilities are ever evolving and taking advantage of the opportunities presented by technology. SABRENet's world-class low-cost diverse fibre network allows researchers to confidently use technology to enrich their research and development efforts and the online experience of exploration and collaboration, in a range of ways including:

- Providing fast access to media rich content
- Sharing knowledge and resources with experts and facilities around the world through simultaneous video conferencing sessions
- High quality real-time video conferencing, document sharing & on-line chat functionality
- Sharing large files
- Robotics, 3D printing and data analytics
- Cloud hosted practitioner and other management systems
- Improving business processes and the researcher, facilitator, practice management experience
- Accessing online professional development resources for researchers.

**The above is simply not possible with a megabit solution. Your research facility and technology ambitions have no bandwidth limits with SABRENet.**

### A Collaboration Success Story

Collaboration is a fundamental part of SABRENet's success. SABRENet collaborates with ISPs to provide a highly effective and simple connection service for research facilities. SABRENet's members include Flinders University, University of Adelaide, University of South Australia and the South Australian State Government including TAFE colleges, research organisations and teaching hospitals.

With collaboration as a core value, SABRENet is a vehicle for joint action to deliver improved connectivity across the South Australian research, education and innovation community.



*“A world class network to support world class research and development”*

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# SABRENet Dark Fibre

## Technical Fact Sheet

Dark Fibre solutions are for organisations that are committed to their geographic location, understand IT and network services, demand an excellent user experience, and demand a high level of control over their Wide Area Network (WAN). These organisations may have multiple sites, desire grade 1 transmission services, and/or utilise data centres as part of their core network infrastructure.

## Features and benefits

### Reliability & Resilience

- Private & secure end-to-end dark fibre connections
- Site-to-Site, Site-to-Data Centre (DC)
- Diverse links for maximum network resilience across all nodes
- High availability network suit core and backhaul applications

### Security

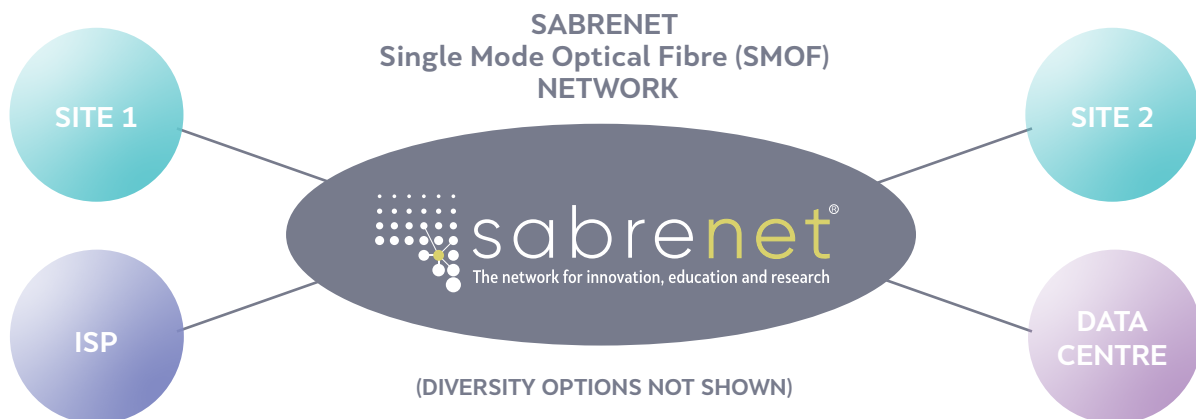
- Private & secure site-to-site circuits for maximum security
- Deploy security hardware on-prem or in a DC for maximum security & network resilience
- Leverage Internet Exchange (IX) peering networks to improve user experience and improve security

### Control

- Manage your link speeds and network how you want
- Choose your Internet Service Provider (ISP) and change more easily as products and pricing change over time
- Easily choose Managed Service Providers (MSPs), network fabrics and Software-Defined Networking (SDN) services
- Bring your own equipment
- Host your own services in your own private cloud (DC co-location)
- Control your transmission speeds
- Design your own diversity requirements
- Supports 1G, 10G, 40G, 100G or higher network speeds

### Price

- Flat fee for all circuits regardless of distance
- Highly competitive pricing for both setup costs and ongoing operational costs
- 12-month agreements - avoid lock-in contracts
- Change ISPs whenever it suits you
- Avoid the high data and speed costs that traditional carriers typically apply when you increase speed
- Dark Fibre is a smart investment particularly when viewed in a 3-5 year business case - if you are committed to your location then the cost effectiveness of SABRENet is highly persuasive



To join Adelaide's leading high speed fibre network, or to find out more, contact us on 08 8155 5678 or [enquiries@sabrenet.edu.au](mailto:enquiries@sabrenet.edu.au)

