



As data centres replace the traditional on-site computer room and become the hub for all Wide Area Network (WAN) connectivity, SABRENet Dark Fibre helps your organisation connect to them.

The SABRENet dark fibre network extends right across the Adelaide metropolitan area from Roseworthy in the north to Noarlunga in the south.

SABRENet partners with data centre operators to give you the connectivity you need - both today and tomorrow. SABRENet dark fibre provides the physical Layer 1 connectivity, that you can control and maintain as you wish. Furthermore, SABRENet dark fibre can provide multiple paths to a data centre of your choice (known as diverse connections) ensuring you have connectivity over unique geographic paths allowing you to create a resilient network.

Whilst data centres are not all the same, there is a range of common services they all offer including; connectivity to all ISPs, connectivity to Cloud, connectivity to Network Fabrics (eg Megaport, Console Connect), connectivity to IaaS, SaaS, Colocation, site interconnects, and access to Managed Service Provider infrastructure.

In addition, great data centres will offer temporary disaster recovery site accommodation for your ICT personnel and staff whilst technical issues or upgrades are worked through. These facilities are much like serviced offices offering all the standard amenities, but offer LAN based connectivity to your infrastructure so your technical staff can perform their duties with the connectivity they need.

All data centres offer a degree of physical security and approved accessibility that is hard to achieve with on-premise equipment rooms. Infrastructure such as access control and CCTV ensure your equipment is protected from unwanted changes. Plus, factor in the N+1 redundancy systems built into the power and air-conditioning systems that is also standard, and you are now starting to talk about a place to house your sensitive ICT infrastructure that is way beyond what most organisations can create, and maintain.



“The SABRENet dark fibre network provides 100% geographically diverse connections to our On-Net data centres, which means you can create a highly resilient network”

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Data Centres

"Data centres help us achieve our IT strategy by securely housing our technical infrastructure, and connecting us to the outside world with connections that we manage and monitor in a way that suits our needs"

For the average enterprise, connectivity to Cloud is highly desirable. Having traffic destined for Office 365, Azure, AWS, Salesforce, Google and a host of other platforms travel through the public internet, adds hops, latency and reduces the user experience. Cloud connection fabrics such as Megaport and Console Connect provide direct connectivity to Cloud Providers such as Microsoft, AWS and Google to name but a few. When coupled with dark fibre, this creates the best-possible user experience by eliminating metered connections and public internet.

"Our Cloud strategy requires low latency connections to Cloud providers like Office365 and AWS. We can access these low latency connections from within the data centre environment whilst also accessing our in-house resources and plain old internet"

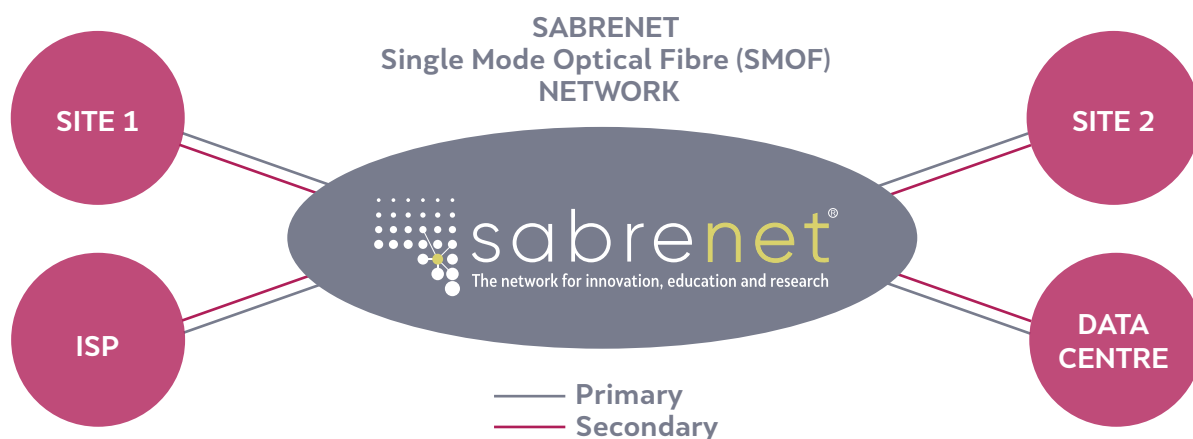
On-Net data centres across Adelaide:

- **Equinix AE1** <https://www.equinix.com.au/>
- **TPG ADL4** (formerly Adam DC) <https://www.tpg.com.au/business-products/cloud>
- **TPG ADL6** (formerly Internode DC)
- **Colocity DC3** <http://www.colocity.com/>
- **Intervolve DC1** <https://www.intervolve.com.au/>
- **DCI Data Centres Sungard A1 DC** <https://www.dcidatacenters.com/locations.html>
- **YourDC DC2** Hawthorn <https://www.yourdc.com.au/>
- **YourDC DC1** Edinburgh Parks <https://www.yourdc.com.au/>
- Glenside Government Computing Centre (Glenside DC)
- Numerous other government computing & cross-connect sites

General data centre services include:

- Connectivity (to carriers, network services, Internet, Public Cloud, Private Cloud and other sites)
- Colocation (Data hall rack space or dedicate customer rooms; the placement of IT hardware within data centre space)
- Network Services such as Managed Service Providers
- Network Fabrics & Software Defined Networking such as Console Connect and Megaport
- Security of IT Hardware
- Disaster Recovery site accommodation & coworking space
- Infrastructure as a Service (IaaS)
- Software as a Service (SaaS)
- Operational Services (remote hands)
- Redundant & resilient power, climate control & connectivity systems
- Cleanrooms

If you are looking for data centres, network fabrics, carriers, service providers or more, visit www.cloudscene.com where SABERNet is listed as a service provider. <https://cloudscene.com/service-provider/sabrenet-limited>



To discuss your networking and ICT needs, or to find out more, contact us on 08 8155 5678 or enquiries@sabrenet.edu.au