



Pacific Internet's leased line suite guarantees stability, deployed with carrier grade technology and delivers a dedicated uncontended connection for your business.

Leased Line Access Technologies

Pacific Internet's leased line services provide a permanent connection for businesses with mission critical applications that demand guaranteed bandwidth performance to support voice, data, video and Internet applications. Leased line technology delivers a high quality of service and offers flexible and scalable speeds. These premium technologies supply multi site businesses with a reliable connection and greater availability than many other WAN solutions.

Leased line technologies offer low latency and a 1:1 dedicated capacity for bandwidth dependent applications which can terminate into Pacific Internet's Multi Protocol Label Switching (MPLS) national network. A leased line connection may typically be a head office link in a private network and can also be used for reliably delivering Public Internet connectivity to your business. Leased lines can be "split" to allow for greater traffic flexibility with both Public Internet and private network data delivered across one physical service, supporting a growth path to future proof your business.

In the emerging world of converged voice, data and video technology, a leased line solution is the ideal foundation for your business to migrate to a single delivery IP network.

Pacific Internet is committed to delivering quality leased line connections. Our advanced customer service begins with an expert solutions sales team, and a fully project managed provisioning process to ensure seamless connectivity, all supported by our 24x7 Network Operations Centre (NOC).

Whether you're looking for a point-to-point or point-to-multi-point solution, Pacific Internet offers a range of leased line technologies to suit your individual business model. Our leased line suite includes:

- Ethernet on Fibre
- Transmission/E1
- Dedicated Digital Service (DDS)
- Data Access Radial (DAR)

Ethernet on Fibre

Ethernet on Fibre offers an extremely high speed service that is both cost effective and easily scalable. It delivers up to 1Gbps of guaranteed, symmetric IP throughput with 1:1 contention and 99.9% network availability.

This flexible layer 2, point-to-multi-point or point-to-point leased line is the core staple of today's Internet technology.

It's a widely available, standard technology which can be incorporated into most LANs.

Ethernet on Fibre is an ubiquitous technology with the major benefit of being universally understood and available. Save time and money by not having to retrain staff, invest in hardware or reconfigure a network, which is all too common with other specialist technologies.

> Features and Benefits

- Secure dedicated link
- Stable, permanent connection
- Reliability up to 99.999%
- 24x7 monitoring of connection quality and bandwidth utilisation
- National coverage
- Solutions to meet your budget and requirements
- Delivery of Mission Critical applications

Transmission/E1

Transmission technology offers national coverage to just about anywhere within metropolitan and regional Australia.

It's a dedicated point-to-point WAN connection with speeds of up to 2Mbps which can be delivered to an X.21, G.703 or Ethernet interface. This unchannelised, permanent connection gives greater flexibility for both private network and Internet data. Transmission is a highly cost effective solution which allows businesses to experience a leased line service for a lower cost of investment.

Dedicated Digital Service (DDS)

DDS is a high availability leased line technology with wide national coverage providing a superior uptime service. This point-to-point dedicated WAN connection delivers speeds from 64Kbps, incrementally up to 2Mbps. DDS is a mature technology which offers maximum reliability and greater coverage than other leased line technologies.

Data Access Radial (DAR)

DAR is an extremely reliable channelised service allowing for point-to-multi-point network connections. DAR delivers a WAN connection up to 2Mbps in 64Kbps increments, terminating on X.21, G.703, G.704 and V.35 interfaces. This leased line service allows businesses to control and tailor speeds to meet their individual network needs.

Minimum requirements

All leased line services require a router or IP network termination device.

To implement a leased line service, Pacific Internet recommends you work with a Network Integrator. Pacific Internet will consult with your business to assist in determining your specific solution requirements.

Leased Line	Point-to-multi-point	Speed	Multi PVCs /VLANs	CPE Requirements
Ethernet on Fibre	✓	1Mbps – 1Gbps	✓	Ethernet Network Internet card
Transmission/E1	✗	2048Kbps	✓	Ethernet Network Internet card G.703-X.21
DDS	✗	n x 64Kbps, max 1984Kbps	✗	X.21
DAR	✓	n x 64Kbps, max 1984Kbps	✓	X.21 G.703 and G.704 V.35

> Your Pacific Internet Contact is:

> Optional Extras

Pacific Voice

Pacific Internet's range of fixed line telephone services has plans specifically designed to benefit both business and residential customers. Pacific Voice features great value international, national and local calls.

Web and Domain Hosting

Launch your business on the Internet with a full range of hosting solutions to register your domain name and keep your website secure and available.

Managed Firewall VPN

Pacific Internet's Managed Firewall VPN is a remotely managed security solution that protects your valuable network from intruders and viruses.

Monitoring Solution

Reactive instant notification of system failures or network outages 24x7.

Managed Roaming

Manage multiple dial-up users on one simplified online account, enable access to national and international roaming.

Traffic Prioritisation (QoS)

Prioritise your network traffic depending on whether it is business critical and/or latency sensitive. For example VoIP, or interactive applications such as Citrix, can be prioritised over web data and email traffic.

> Contact Pacific Internet

Sign up today! Pacific Internet's expert sales team will help you choose the best solution for your needs.

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Monday-Friday

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