

PipeIP® is a premium-grade, competitively priced, ultra fast internet connection, delivered over optical fibre networks.

PipeIP® delivers symmetrical internet connectivity with low latency to support real-time applications, making it the ideal solution for corporate internet access.

PipeIP® is delivered over our optical fibre network which will scale to meet your bandwidth needs today and long into the future. PIPE Networks owns the third largest metropolitan fibre network in Australia.

PIPE Networks also operates the largest internet exchange in Australia, providing quick access to popular business content and online applications.

To deal with short-term demands for increased speeds, PipeIP® bandwidth can be doubled for a short duration² with 3 short clicks in the online portal.

PipeIP® includes no cost access to PipeCloud, an exciting new product that provides high speed connectivity to a growing list of web applications, services and content (like Microsoft, Apple)¹.

- ✓ Ultra Fast Speed to the Internet
- ✓ Low latency for VoIP, Video, and other real-time web applications
- ✓ No Cost access to PipeCloud³
- ✓ Competitive pricing
- ✓ Short-term bandwidth increases via the portal³

Ultra fast Internet Connectivity

PipeIP® provides ultra fast, high throughput, internet connectivity. Service speeds up to 1Gbps can be provided without any change of hardware, ensuring that there is always enough bandwidth for all your needs today and in the future.

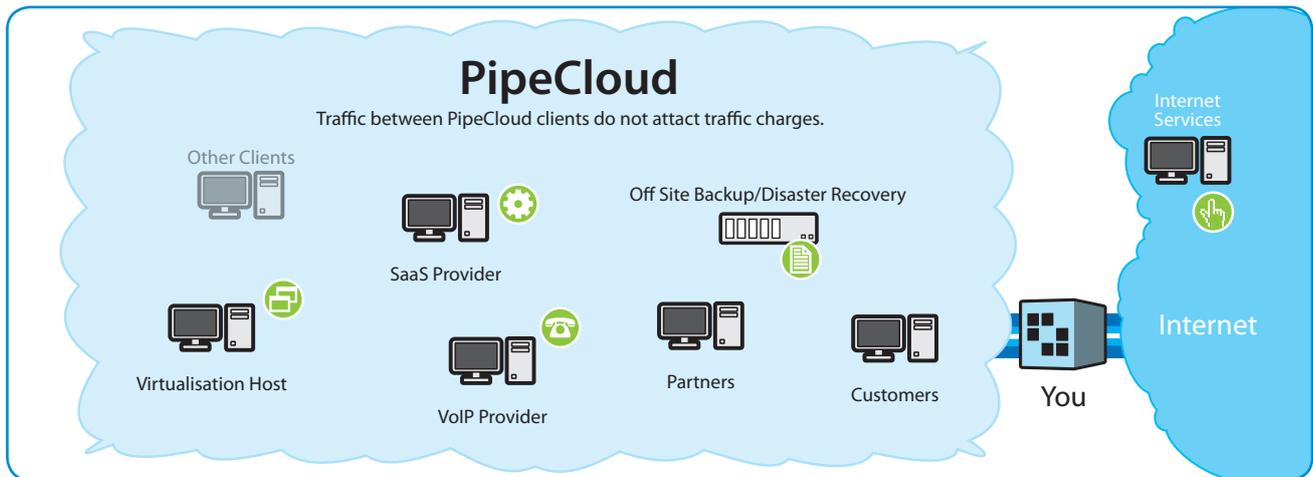
Ultra fast access is achieved because PIPE Networks connects directly to most Australian content and ISPs, and PIPE Networks owns and operates a submarine cable connecting Australia to the rest of the world.

Competitive Pricing

PipeIP® is available at competitive prices that cater to the needs of high volume, fixed price users and low volume, usage-based users. PipeIP's price competitiveness comes from the Petabytes of data already served on PIPE Networks' domestic and international networks.

PipeIP® is available in a wide range of pricing options to suit specific needs of our customers.





PipeCloud

PipeCloud⁴ is a separate allocation of bandwidth for PipeIP® customers to communicate with other PipeIP® customers or access popular content (like Microsoft and Apple¹) and applications without, in any way, affecting their internet bandwidth allocation or usage. Access to PipeCloud® is available at no cost to PipeIP® customers³.

PipeCloud® is designed to be used by customers to create Extranets or Virtual Private Networks (VPN), adopt Software as a Service (SaaS) hosted applications, Virtualise their infrastructure, to get the best out of the available IT dollars.

Portal Access

The PipeIP® connection can be managed by customers via a functionally rich, online Portal, which provides:

- Ability to increase bandwidth for a short duration² without re-contracting
- Usage graphs that help analyse service quality and resolve potential bottlenecks before they can occur
- Service notifications

The Portal will provide detailed information about your internet connection.

Technical Specifications

Port Size	100Mbps, 1Gbps
Internet Speed	10Mbps to 100Mbps
PipeCloud® Speed³	50Mbps, 100Mbps
Ethernet Tail Service	MEF Certified
Committed Rate	As Per Bandwidth Purchased
Daily Usage Report	Via Portal
Service Level	
Availability	99.95%
Connection Type	BGP, Static, Switched (Not routed)
Internet Protocol version	IPv4, IPv6
AS Number (for BGP connections)	16-bit, 32-bit

¹ PIPE Networks and PIPE's product offerings are not sponsored or approved by Microsoft, Apple, or other companies whose content is available via PipeCloud. Content available via PipeCloud® may vary from time to time and not all content is available in all cities

² Minimum period of 30 days

³ Not available to customers on usage based plans

⁴ Access to partners, customers and other users on PipeCloud® is limited to the metropolitan area where PipeIP is connected

This document contains general information on PipeIP® and is current as at November 2009. This information has been prepared without taking into account your objectives, situation or needs. You should consider the terms and conditions which apply to PipeIP® before making any decision about whether to acquire it. For further information please contact PIPE Networks.

PIPE Networks has a range of communications solutions. For further information on PipeIP® or solutions that may suit your other communication needs, contact one of our Account Managers on **13 PIPE** or **sales@pipenetworks.com**