

PipeEthernet® *The Evolution of Ethernet*

PipeEthernet® is our industry-leading Metro Ethernet Forum (MEF) certified ethernet product. PIPE Networks is Australia's first telecommunications carrier to be awarded MEF certification. PipeEthernet® can be deployed to meet diverse network architecture needs with bandwidth ranging from 10 Mbps to 10 Gbps.

With MEF certification, our customers can be assured PipeEthernet® adheres to the highest industry standard as set by the leading world body for Carrier Ethernet.

- ✓ MEF Certified
- ✓ Low Latency
- ✓ National Coverage
- ✓ Customer Portal
- ✓ Bandwidth Scalability

Top Features

MEF Certified

PipeEthernet® services are certified to the MEF Carrier Ethernet standard, assuring service quality, reliability and interoperability.

Bandwidth Scalability

PipeEthernet® is available in speeds from 10 Mbps to 10 Gbps which provides continuity of service to customers as their bandwidth needs grow.

Low Latency

PipeEthernet® tail circuits are delivered on fibre which provides ultra-low latency.

National Coverage

PipeEthernet® is available in Brisbane, Sydney, Melbourne, Adelaide and Perth. PIPE Networks offers flat rate pricing within our continuously expanding ethernet coverage areas.

Customer Portal

Our feature-rich customer portal provides access to coverage maps, service pre-qualification tools, quoting, ordering, tracking provisioning status and upgrading.

Versatile Network Architectures

PipeEthernet® can be deployed in point-to-point or aggregated architectures. Specific architectures support Q-in-Q for deployment of multiple VLANs. Service redundancy, including CPE and last mile, can be made available on demand.

Metro Ethernet Forum (MEF)

The MEF is a global industry alliance comprising more than 150 organisations committed to accelerating the worldwide adoption of carrier-class ethernet networks and services.

The MEF develops technical specifications and implementation agreements to promote interoperability and deployment of Carrier Ethernet worldwide. This is a ubiquitous, standardised, carrier-class service that distinguishes it from familiar LAN based ethernet.

PIPE Networks chose to seek certification for its ethernet services to provide a 'guarantee of quality' to our customers.

PipeEthernet® services are certified to the MEF Carrier Ethernet standard. This standard provides the framework to deliver metro ethernet services that have been designed by the world's peak ethernet body.



Service Overview

PipeEthernet® provides standards-compliant Layer 2 Ethernet services delivered over our MPLS network. PipeEthernet® is used in various scenarios like: tail circuits to deliver data, voice and internet by a service provider to their end users; a national WAN for a large enterprise using multiple metro services; as backhaul by a telecommunications carrier.

Ethernet has been the default LAN connectivity standard for years and has established itself as an ideal method of business connectivity. Ethernet's growing popularity comes from its simplicity of use, as most businesses have in-house technical skills.

PipeEthernet® can be deployed as Point-to-Point or Point-to-Multipoint architectures. PipeEthernet® can support Q-in-Q to ensure that multiple VLANs can be created to deliver voice, data and internet services on a single circuit. Technical specifications for the various deployment architectures is available on the PIPE Networks website.

PipeEthernet® is available in a range of speeds from 10 Mbps up to 10 Gbps, to meet the ever-growing demand for bandwidth. PIPE Networks has the third largest metropolitan fibre coverage in Australia.

Online Customer Portal

The PipeEthernet® portal provides our customers with convenient online access to tools needed to undertake service pre-qualification, quoting, ordering, tracking provisioning status and upgrading.

Step 1 - Choose New Addresses Step 2 - Create Circuits

A End

Existing Aggregation Port: ☐ NSW-301 KENT STREET SYDNEY #3-10 TPG St

Address of New Service: ☐ 300 ADELAIDE STREET CITY QLD 4000 - 27.46

PIPE Approved Data Centre: ☐ Global Switch 4000 Harris St - NSW

Port Speed:

B End

Existing Aggregation Port: ☐ NSW-301 KENT STREET SYDNEY #3-10 TPG St

Address of New Service: ☐ 300 ADELAIDE STREET CITY QLD 4000 - 27.46

PIPE Approved Data Centre: ☐ PIPE DCL Level 9, 127 Creek Street - QLD

Port Speed:

Contract Duration: Choose Service Speed: ☐ Point to Point

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

Quoting and Ordering

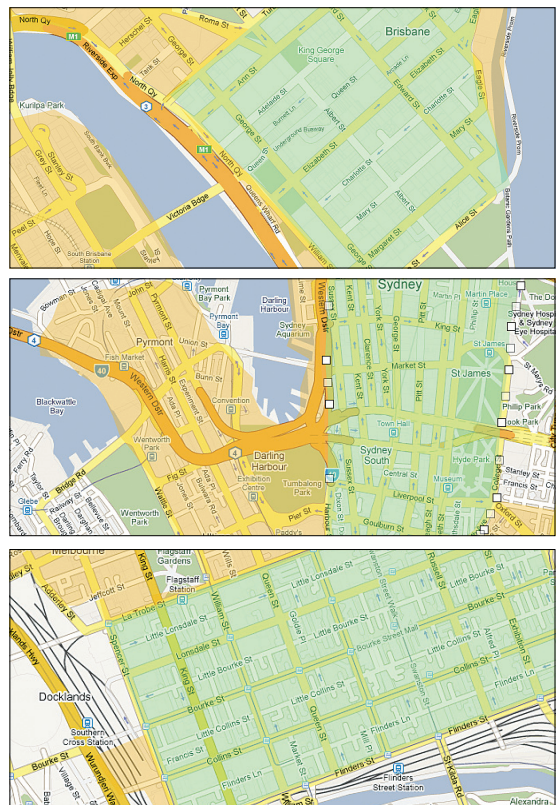
The portal validates service delivery addresses using Google Maps and G-NAF (Geocoded National Address File), which is the authoritative address source in Australia, and facilitates the creation of PipeEthernet® services with a few simple clicks. Quotes can be saved for later use or can be converted to orders with minimal effort.

Tracking Provisioning Status

Once an order is accepted, the service delivery can be tracked in the portal. Delivery of each stage of the service is updated online and also communicated to customers via email.

PipeEthernet® Coverage Areas

For simplicity of pricing, the portal provides our well-defined coverage areas. PipeEthernet® coverage includes the Brisbane, Sydney, Adelaide, Perth and Melbourne central business districts and is actively expanding.



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