



AboveNet™

## AboveNet Metro Ethernet

Singularly-Focused, Cost-Effective and Secure

### About AboveNet

AboveNet, Inc. provides high bandwidth connectivity solutions for business and carriers. Its private optical network delivers key network and IP services in and among top U.S. metro markets and globally. AboveNet's network is widely used in demanding markets such as financial services, media, health care, retail and government.

### Greater than 2.3 million fibre miles

Private, purpose-built networking providing end-to-end connectivity in and among top US markets and globally

### AboveNet

#### European Headquarters

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#### Worldwide Headquarters

360 Hamilton Avenue  
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## Networking Power that can grow and expand

The avalanche of data from the technology revolution inside corporate LANs is growing daily. Enterprises are standardising on Ethernet 1Gbps and 10Gbps to deliver premium networking power directly to end user PCs. Today, 100 mbps connections simply aren't sufficient to support demanding enterprise applications like multimedia file transfer, video conferencing, storage networking solutions, and e-business administrative and support operations across your LAN.

The challenge increases when there is a need to connect islands of LANs throughout a metro area to reach more groups and end users. Existing legacy system alternatives for connecting locations with ATM, or Frame Relay services are inflexible and don't scale, offering little capability for expansion to support business growth.

By combining private optical fibre with the versatility and functional simplicity of Ethernet, AboveNet has created a service that your IT department can use to solve critical bandwidth issues when connecting your Enterprise metro locations, while minimising or eliminating the clutter of other connectivity solutions.



### Product Description

Offering dedicated metro fibre connecting your locations while providing physical security and scalable bandwidth of 100mbps, 1Gbps or 10Gbps in a simple, but bandwidth-flexible architecture designed to provide cost-effective performance.

### A simple, cost effective tool for enabling:

- Customised, solutions to meet specific needs, optimised for high bandwidth users
- Ease of network and system integration of new locations
- Network solution convergence - elimination of duplicate services
- Fewer contracts, fewer providers, better control

### Features and Benefits

- Private Optical Network, offering dedicated metro fibre between your locations
- Transparent transport of your traffic
- Dedicated fibre provides virtually unlimited scalability
- Fast deployment of point-to-point Ethernet LAN extensions
- Simple provisioning, minimum equipment interfaces



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### Applications Supported

- Video/Rich Media downloads/streaming
- Financial data distribution/applications
- Off-site backups
- Disaster Recovery
- Broadcast Video, Video Conferencing
- Business Continuity
- Collaboration
- CAD/CAM applications
- Medical digital imaging
- Research, modeling, simulation
- Virtualisation
- Financial data distribution/ trading applications
- Data Centre & Server Consolidation
- Centralised applications evolving to distributed networking
- Financial data distribution/applications
- Extranets/Collaboration

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## Choose from Point-to-Point, Any-to-Any, or Hub & Spoke Connectivity Solutions To Fit Your Needs

### AboveNet Point-to-Point Metro Ethernet Services

#### Point-to-Point Metro Ethernet

<b>Private</b> point-to-point Ethernet connectivity across a completely private managed network with dedicated fibre and equipment	<ul style="list-style-type: none"> <li>• <b>Scalability</b> - infrastructure in place to grow with your needs</li> <li>• <b>Cost-effective</b> - Lowest cost private network offering available</li> <li>• <b>Security</b> - no one else is on your private network</li> <li>• <b>Performance</b> - minimum equipment interfaces and active components</li> <li>• <b>Operational</b> - not impacted by shared ring operational activities</li> <li>• <b>Control</b> - all equipment delivering your service is at your premise</li> </ul>
<b>Dedicated</b> Ethernet connectivity across AboveNet metro core network with reserved bandwidth availability	<ul style="list-style-type: none"> <li>• Either bridged or tunneled across the core with no link oversubscription</li> <li>• Delivered via dedicated fibre tails from core network to your location</li> <li>• No space and power needed at your location</li> <li>• Cost-effective highest bandwidth services</li> </ul>
<b>Standard</b> Ethernet connectivity across AboveNet metro core network with guaranteed service level	<ul style="list-style-type: none"> <li>• High quality bandwidth delivery</li> <li>• Ethernet tunnel across an uncongested metro core network</li> <li>• Delivered via dedicated fiber tails from core network to your location</li> <li>• Cost saving features</li> <li>• Lowest entry price point for high bandwidth services</li> </ul>
<b>Metro Ethernet 10Gigabit</b> high bandwidth point-to-point service provides secure, lowest latency connectivity over your dedicated private fibre facilities within an AboveNet metro area.	<ul style="list-style-type: none"> <li>• No other Service Provider offers a fully private 10Gbps Metro Ethernet Solution, with 10Gbps handoffs using 100% customer private fibre</li> <li>• Competing offerings are via WDM</li> <li>• Fibre and equipment is 100% dedicated to your enterprise</li> <li>• Compelling pricing, non-WDM based, private and secure Metro Ethernet transport</li> </ul>

### AboveNet Multipoint Metro Ethernet Services

#### Multipoint Metro Ethernet: eHub

Metro eHub Dedicated	Metro eHub Standard
<ul style="list-style-type: none"> <li>• Hub and Spoke networking</li> <li>• Guaranteed Packet Delivery</li> <li>• 100Mbps, 1Gbps &amp; 10Gbps bandwidth levels</li> <li>• Dedicated Bandwidth and fibre tails</li> <li>• Layer 2 Service Delivery</li> </ul>	<ul style="list-style-type: none"> <li>• Hub and Spoke networking</li> <li>• Dedicated Fibre tails to closest MX</li> <li>• 100Mbps, 1Gbps, 2Gbps, 3Gbps and 5Gbps bandwidth levels</li> <li>• Shared Bandwidth</li> <li>• QoS Option</li> <li>• Layer 2 Service Delivery</li> </ul>

#### Multipoint Metro Ethernet: eLAN

Metro eLAN Dedicated	Metro eLAN Standard
<ul style="list-style-type: none"> <li>• Any-To-Any Networking</li> <li>• Dedicated Bandwidth and fiber tails</li> <li>• 100Mbps, 1Gbps &amp; 10Gbps bandwidth levels</li> <li>• Guaranteed Packet Delivery</li> <li>• VPLS-Based</li> </ul>	<ul style="list-style-type: none"> <li>• Any-To-Any Networking</li> <li>• 100Mbps, 1Gbps, 2Gbps, 3Gbps and 5Gbps bandwidth levels</li> <li>• Dedicated Fibre tails</li> <li>• Shared Bandwidth</li> <li>• QoS option</li> <li>• VPLS-Based</li> </ul>