



AboveNet™

AboveNet Metro Ethernet

Singularly-Focused, Cost-Effective, 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. and European markets. AboveNet's network is widely used in demanding markets such as financial services, media, health care, retail and government.

Why AboveNet?

Scalability - Dedicated networks that scale from 100Mbps to 40Gbps

Low Latency - Direct fiber routes and carrier class electronics provide low latency networks

Security - Owned and operated fiber optic network which bypasses legacy networks

Reliability - Virtually error-free service supported by 24x7/365 and enabled by our years building

Data Center Connectivity - The next generation data network superhighway that interconnects to key data centers

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Networking Power That Can Grow And Expand As Needed.

The avalanche of data from the technology revolution inside corporate LANs is growing daily. Enterprises are standardizing 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 DS3s, or ATM, or Frame Relay services are inflexible and don't scale, offering little expansion to support business growth.

By combining private optical fiber 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 minimizing or eliminating the clutter of other connectivity solutions.



Product Description

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

A simple, cost effective tool for enabling:

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

Features and Benefits

- Private Optical Network, offering dedicated metro fiber between your locations
- Transparent transport of your traffic
- Dedicated fiber 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
- Off-site backups
- Disaster Recovery
- Broadcast Video, Video Conferencing
- Business Continuity
- Collaboration
- CAD/CAM applications
- Financial systems
- Medical digital imaging
- Research, modeling, simulation
- Virtualization
- Financial data distribution/applications
- Data Center & Server Consolidation
- Centralized applications evolving to distributed networking
- Financial data distribution/applications
- Extranets/Collaboration

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

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

AboveNet Multipoint Metro Ethernet Services

Multipoint Metro Ethernet: eHub

Metro eHub Dedicated	Metro eHub Standard
<ul style="list-style-type: none"> • Hub and Spoke networking • Guaranteed Packet Delivery • 100Mbps, 1Gbps and 10Gbps bandwidth levels • Dedicated Bandwidth and fiber tails • Layer 2 Service Delivery 	<ul style="list-style-type: none"> • Hub and Spoke networking • Dedicated Fiber tails to closest MX • 100Mbps, 500Mbps, 1Gbps, 2Gbps, 3Gbps and 5Gbps bandwidth levels • Shared Bandwidth • QoS Option • Layer 2 Service Delivery

Multipoint Metro Ethernet: eLAN

Metro eLAN Dedicated	Metro eLAN Standard
<ul style="list-style-type: none"> • Any-To-Any Networking • Dedicated Bandwidth and fiber tails • 100Mbps, 1Gbps & 10Gbps bandwidth levels • Guaranteed Packet Delivery • VPLS-Based 	<ul style="list-style-type: none"> • Any-To-Any Networking • 100Mbps, 500Mbps, 1Gbps, 2Gbps, 3Gbps and 5Gbps bandwidth levels • Dedicated Fiber tails • Shared Bandwidth • QoS option • VPLS-Based

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