



AboveNet™

Advantage AboveNet Metro Ethernet

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.

Approximately 2.3 million fiber miles

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

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When you compare AboveNet's point-to-point or multi-point Ethernet connectivity to our competitors you'll find the difference is our high-performance, completely private managed network supported with dedicated fiber and equipment. And this performance doesn't come with just one choice, enterprises can choose network connectivity based on their specific needs. They can have a network designed to meet their present-day, urgent business needs while it enables them to meet the demands of future bandwidth growth.

Choice is the difference. Many competitors offer limited choices, often using a cookie-cutter, one size fits all approach to network design. AboveNet designs connectivity that can meet the stringent requirements for secure, high-speed private networking. Or, if your needs are simpler you can have high-performance shared or aggregated connectivity.

Check out the side-by-side comparison chart for the network attributes that can enhance your business processes. This Ethernet service provides the capabilities that IT departments are using every day to meet critical bandwidth needs. If you require highly secure, reliable networking this solution can combine private optical fiber with the versatility and functional simplicity of Ethernet. It offers features that can increase the performance of your personnel and applications, while minimizing impact on your bottom line.

The decision is easy when you want cost-effectiveness without compromising performance

With AboveNet You Have The Choice Of:

- **Scalability** – bandwidth speeds from 100Mbps to 10Gbps
- **Diversity** - completely bypassing the ILEC or CLEC legacy networks
- **Guaranteed fiber handoff** - no copper, no central offices
- **Security** - a completely diverse fiber route, no one else is on your private network
- **Performance** - minimum equipment interfaces and active components
- **Control** - all equipment delivering your service is at your premises

Designed to meet your present and future needs

Minimizes or eliminate the clutter of other connectivity solutions by connecting your enterprise metro locations with AboveNet's high-performance Ethernet service – delivered to your premises via a fiber handoff.



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Metro Ethernet

AboveNet has the expertise and high bandwidth connectivity solutions to meet your specific business needs.

Here is how our customers use our high bandwidth solutions to enable their mission critical applications

- Financial data distribution/ applications
- Data Center & Server Consolidation
- Centralized applications evolving to distributed networking
- Virtualization and network consolidations
- Extranets/Collaboration
- Business Continuity & Disaster Recovery
- Videoconferencing
- TelePresence
- eLearning

Point-to-Point Metro Ethernet Choices to meet your specific networking needs

Private point-to-point Ethernet connectivity across a completely private managed network with dedicated fiber and equipment

Dedicated Ethernet connectivity across AboveNet metro core network with reserved bandwidth availability

Standard Ethernet connectivity across AboveNet metro core network with guaranteed service level

Metro Ethernet point-to-point networking provides simple, efficient and physically secure managed optical Ethernet via fiber, which transparently and easily connects customer LANs.

Service Provider	Shared	Customer handoff	High Bandwidth Focus (100Mbps, 1Gbps, 10Gbps)	Private fiber connectivity
AboveNet	●	Fiber	●	●
XO	●	Copper/CAT5/Fiber		
Level(3)	●	Copper/CAT5/Fiber		
RCN Metro	●	CAT5e/Fiber	●	ICB
AT&T	●	Copper/CAT5/Fiber		
Verizon	●	Copper/CAT5/Fiber		

Multipoint Any-to-Any and Hub & Spoke Metro Ethernet Networking

Delivered over fiber at 100Mbps, 1Gbps, 2Gbps, 3Gbps, 5Gbps and 10Gbps bandwidths

Carrier	Service	Speeds	Backbone	AboveNet Differentiators
AboveNet	eLAN/eHub	100Mbps, 1Gbps, 2Gbps, 3Gbps, 5Gbps, 10Gbps	Ethernet	>Focus on High Speed >100Mbps-10Gbps >Customer choices
AT&T	OPT-E-MAN	2 Mbps - 1 Gbps	MPLS	>Dedicated vs Shared BW
AT&T	Metro E	2 Mbps - 1 Gbps	Ethernet/IP	>Any to Any OR Hub/ Spoke
Verizon	TLS	10Mbps, 100Mbps, 1Gbps	Ethernet	>QoS per location >IP Transit Add-on
Qwest	QMOE	5Mbps - 1Gbps	Ethernet	>Save on space & power
TWTC	Elite NLAN	1Mbps - 1Gbps	EoSONET	>Simple, compelling Pricing
XO	E-VPLS	10Mbps, 100Mbps, 1G, 10Gbps	Ethernet	>Flat rate MRC per location >Compelling price points for higher bandwidth
RCN Metro	E-LAN	1Mbps - 10Gbps	MPLS	

What does it all add up to?

When you build a network, as AboveNet has, with fewer equipment interfaces and potential points of failure, using a dedicated fiber model, with connectivity that bypasses the legacy networks it can provide your enterprise with the lower latency, and reliable performance you need to support your high bandwidth applications. Let AboveNet design tomorrow's network for you today.

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