



AboveNet™

## Advantage AboveNet eXpressWave™ Long Haul

### 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 2.2 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 need to connect outside your city or metro area**, you will want to compare AboveNet's eXpressWave™ long haul connectivity. You will see compelling differences compared to competitive services.

With AboveNet, your enterprise can choose long haul high bandwidth connectivity from 155Mbps (OC3) to 10Gbps, and even 40Gbps in the metro, to match your specific bandwidth needs. You can have a network designed to meet present-day, urgent business needs while it is able to scale to meet the demands of future bandwidth growth.

**Choice is the difference** when you need intercity/interstate connectivity that can provide your enterprise the secure, low-latency, high speed networking that it needs. When reliability is a concern, you will be glad to know that these network designs offer geographically diverse fiber routes that bypass local telephone company central offices. This routing can minimize or eliminate the failure points other connectivity solutions may have.

Today, IT departments know that their end users require networks that are cost-effective, offer high-throughput, and can scale to meet the present and future demands of voice, video, data, and mobility applications.

AboveNet can power up these high bandwidth, point-to-point, and remote-city applications:

- **LAN-to-LAN connectivity**
  - » Mainstay of IT network requirements
  - » Traffic growth of 70% per year typical
- **Internet Access**
  - » Often a critical part of corporate infrastructure
  - » Used for self-managed VPN connectivity
  - » Virtualization drives need for larger transport links
- **Storage Area Networking and Disaster Recovery**
  - » Storage-over-IP & storage-over-Ethernet gaining maturity
  - » Off hours utilization of transport or dedicated data mirroring
- **VoIP between company locations**
  - » Cost savings with no per minute charges
  - » Emerging video applications
- **Data Center & application consolidation**
  - » Cost and compliance are driving IT requirements

When planning your intercity or interstate business applications, whether it is to cut costs, grow your business or distinguish your business from your competition, AboveNet has the proven experience to deliver the benefits of high-speed Gigabit/10Gigabit next-generation technology. AboveNet offers your organization a high performance network designed with less regeneration and connection points to provide low latency.



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**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

### Why Choose AboveNet?

- **We Build and manage large, complex, backbone solutions**
  - » Unique expertise and commitment to collaborative end-to-end long haul and metro network solutions & design
  - » Proven experience in building, managing, maintaining, and monitoring customer backbone networks
- **Metro Tail Extensions delivered either as Managed Wave Access (Managed) or Metro Fiber Access (Unmanaged)**
  - » Use of AboveNet's own metro fiber infrastructure for metro tail options
  - » Completely diverse from the LEC in AboveNet's metro markets
  - » Fiber to on & off-net locations enable unlimited capacity upgrades, and other services use
- **Trusted Provider**
  - » Provider to many of the countries largest, most demanding customers
  - » Full disclosure – route paths, diversity, latency, details

The comparison chart and descriptions below show you the network attributes that can enhance your business processes. AboveNet's eXpressWave™ long haul service provides the capabilities that IT departments are using every day to solve critical bandwidth issues. It provides benefits that can increase the performance of personnel and applications.

### Benefits

- Improved performance and less points-of-failure - with minimal interconnections and no shared local loop
- Cost-effective- minimal or no space and power requirements
- Ready to adapt - as your business priorities change, your AboveNet network can change with them
- Security - no one else is on your private network
- Owned, dedicated metro extensions provide secure fiber transport of your traffic, in its native protocol, to the desired destination

### Features

- Powered by our private, Next-Generation Optical Transport Technology
- Multi-protocol: express your signal your way
- 24x7/365 maintenance by AboveNet Global Network Management Center
- Experienced local Project Managers assigned for all phases of implementation

And just as importantly, we're easy to do business with: we take the complexity out of the process. We provide a single point of accountability, eliminating finger-pointing.

[www.above.net](http://www.above.net)