



AboveNet™

## AboveNet eXpressWave™ Long Haul

Your Choice For Fast, High Bandwidth, Intercity/  
Interstate Connectivity

### 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

### AboveNet Inc.

#### Worldwide Headquarters

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

### Secure, Low-Latency, Express Networking

Today, the many current and developing Enterprise applications are driving increased demand for high bandwidth in and among top U.S. and European markets. What was once viewed as a luxury is now the assumed need for cost-effective, high-throughput, scalable networks to support Voice, Video, Data, and Mobility. High on customers lists of what they need now are site and server consolidation, business continuity and disaster recovery.

When planning your inter-city business applications, whether it's to cut costs, grow your business or distinguish yourselves from your competition, AboveNet has the proven experience to deliver the benefits of high-speed 1Gbps or 10Gbps next-gen technology. Offering a high performance network designed with less regenerations to deliver low latency- while minimizing potential points of failure. Some of the solutions we can help with:

- Express routing: no local stops to your remote locations
- Securely connect corporate data center and back up data center in separate markets
- Connecting large facilities in different markets
- Enterprise Business Continuity Applications between Metro's
- Providing high bandwidth when consolidation increases distance between mission critical sites

### Choices that suit your budget and business needs

We can meet your needs whether you want us to extend our eXpressWave service cost-effectively to your location with a metro unmanaged tail connection or provide a managed metro tail. And, we can use our extensive network access and considerable experience with Data Centers and Carrier Hotels to readily provision your long haul service to these sites. AboveNet's private, scalable metro fiber network is a perfect compliment to our nationwide transport services, providing you a complete long haul network solution.

We believe in universal appeal and protocol, whether your bandwidth-intensive application traffic is Wavelength, SONET/SDH or Ethernet frame, we've got you covered. And we're flexible -you can change your network protocol should your business call for it.

### Product Description

AboveNet's eXpressWave service offers true 10 Gigabit bandwidth delivered over our long haul network. It connects customers (at full 10Gigabit) from our Point-Of-Presence (POP) to their enterprise locations in the Metro as compared to Local Exchange Carrier loops where 10Gbps bandwidth is not guaranteed. We provision the 10Gbps, 2.5Gbps or 1Gbps low-latency transport and you can control how and when to carve up the large, integrated, bandwidth for your applications. Offering you dedicated, transparent transport services at 10Gbps, 2.5Gbps, 1Gbps, OC12 & OC3 speeds.



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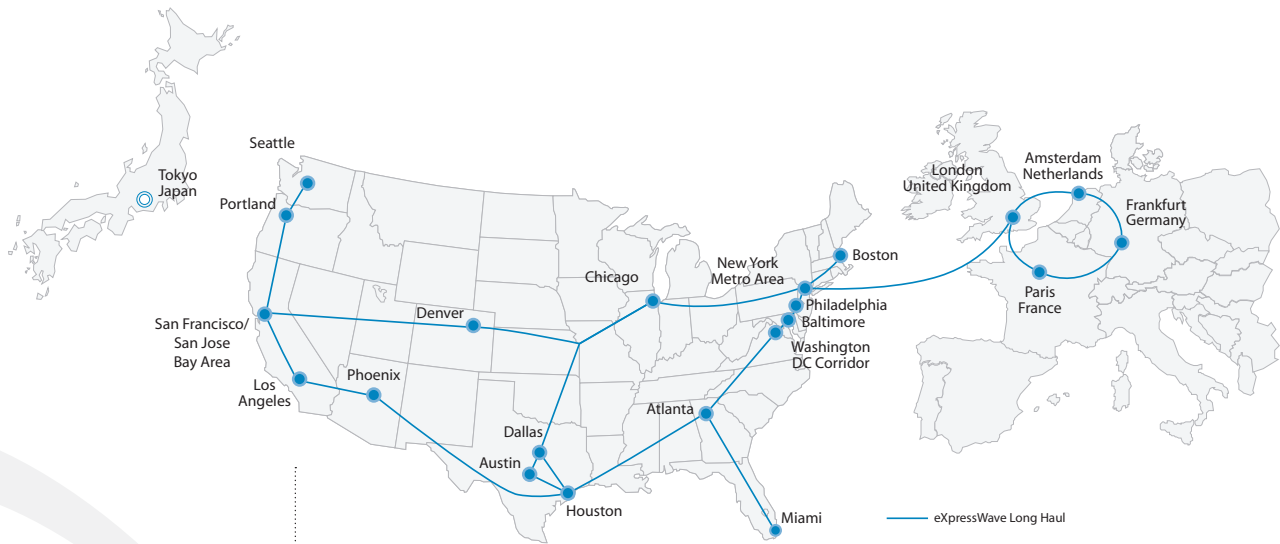
### Extend the capabilities of your network to include:

- Voice Over IP
- Storage Applications
- Multimedia File Transfer
- Video Conferencing
- e-Business Operation
- Server Farms
- CAD-CAM
- Data Center neutral connectivity

### Benefits

Cost-effectively connecting your high bandwidth, remote-city applications.

- Easy to do business with: we take the complexity out of the process
- Improved performance and less points-of-failure with our minimum en route regenerations
- 30 day service turn-up for pop-to-pop connections
- Our owned, dedicated metro extensions provide secure fiber transport of your traffic, in its native protocol, to the desired destination
- Ease of network and system integration of new locations and acquired businesses
- Easily scalable bandwidth
- When your business priorities change, your AboveNet network can change with it
- Avoid more costly, lower throughput, shared LEC local loop
- Single point of accountability: eliminating finger-pointing



### Features

- Powered by our private, Next-Generation Optical Transport Technology
- Multi-protocol: express your signal your way
- Exclusive, dedicated metro fiber between customer locations
- More than 2800 commercial buildings
- 24x7/365 Out-of-Band CPE management by AboveNet Network Management Center
- Experienced local Project Managers assigned for all phases of turn up
- Quick quotes and contract processing

### Service Management & Service Level Agreement

- AboveNet can monitor your service using an out-of-band management channel (frame relay circuit) and management router installed at the customer premise
- AboveNet's Network Management Center is 24x7/365, located in Herndon Virginia
- 2 hour response/ 4 hour MTTR with outage credits applicable for time out of service

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