



# AboveNet™

## AboveNet Fact Sheet

### About AboveNet

AboveNet, Inc. provides high bandwidth connectivity solutions for business and carriers. Its private optic network delivers key network and IP services in and among 15 top U.S. metro markets and London. AboveNet's network is widely used in demanding markets such as financial services, media, health care, retail and government.

### Greater than 2 million fiber miles

Private, purpose-build networking providing end-to-end connectivity in and among 15 US markets and London, UK

### Markets

- Service areas include:
- New York-New Jersey
  - Boston
  - Philadelphia
  - Baltimore
  - Washington, D.C.
  - Atlanta
  - Chicago
  - Austin
  - Dallas
  - Houston
  - Phoenix
  - Los Angeles
  - San Francisco Bay Area
  - Portland
  - Seattle
  - and the United Kingdom

### Management Team

- Bill LaPerch**, Chief Executive Officer
- Joe Ciavarella**, Chief Financial Officer
- Rajiv Datta**, Chief Technology Officer
- John Jacquay**, SVP Sales and Marketing
- Doug Jendras**, SVP Operations
- Rob Sokota**, General Council
- John Donaldson**, SVP and Managing Director-UK

### Employees

Approximately 500

### Overview

AboveNet is a leading provider of high bandwidth connectivity solutions that manages and maintains its own facilities-based private network. AboveNet offers solutions that are diverse from and bypass the ILEC/CLEC networks. This network design enables our customers to create efficient, cost-effective networks that can exceed the performance and economic barriers of the last mile of complex and vulnerable legacy telecom infrastructures. The result is lower total cost of ownership for our customer's networks.

AboveNet takes a Data Center neutral approach to help customers access the high-bandwidth network solutions they need most, while providing fiber optic connectivity to more than 300 Data Centers. The AboveNet network provides high-bandwidth metro access to WDM, Ethernet, VPN and IP networks, and managed services tailored to solve critical IT business issues for its customers, such as regulatory compliance, business continuity, disaster recovery, and security.



### Why Choose AboveNet

Offering you solutions that are data center neutral, AboveNet provides a custom, private fiber optic platform that will best serve your network needs in your markets.

- Can seamlessly extend your network to your customers
- Private metro fiber network enables customers to meet these critical requirements:
  - » Scalability, whether your goal is to scale monthly or on demand, AboveNet will work with you to build a custom network that will grow along with your business needs
  - » Lowest Latency, providing only carrier class electronics to light our state of the art fiber network, resulting in the fastest, lowest latency network available to support your demanding applications, whether deployed across a metro or across the United States
  - » Business continuity, data storage and disaster recovery, with expert knowledge spanning more than 20 years, we deploy and support the most demanding networks in the world
  - » Continuous monitoring, our 24x7/365 Network Management Center (NMC) ensures your service is virtually error free
- Private communications with virtually unlimited capacity
- Cost-effective solutions that bypass the Local Exchange Carrier
- Eliminate vendor finger-pointing: dense metro fiber network and more than two million owned and operated fiber miles



AboveNet™

**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

### **AboveNet Inc.**

#### **Worldwide Headquarters**

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White Plains, NY 10601  
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Sales: 877 462 2683

#### **European Headquarters**

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## AboveNet Fact Sheet

### **(MAN) Metro Area Network Solutions**

#### **Metro WDM**

- **WDM Custom Wave:** is an interactive design approach allowing AboveNet to incorporate complex customer requirements, next generation Wave Division Multiplexing (WDM) technologies, and best of breed equipment platforms to deliver unique private network solutions to AboveNet's most demanding customers
- **WDM Enhanced Wave:** offers dedicated, point to point transport service that connects customer locations with a starter package system that includes an initial circuit and supports either WDM- based or port based growth options. Service is available as unprotected, protected or path protected with various circuit interfaces
- **WDM Basic Wave:** is a dedicated, point to point transport service that connects customer locations with a single circuit. Service is available as unprotected, protected or path protected with various circuit interfaces but no ability for WDM- based service growth. With Multipoint circuit options, port based growth is possible

#### **Metro Ethernet**

##### **Point-to-Point Metro Ethernet**

- **Metro Ethernet Private (100Mbps, 1Gbps & 10Gbps):** point-to-point Ethernet connectivity across a completely private managed network with dedicated fiber and equipment
- **Metro Ethernet Dedicated (1Gbps & 10Gbps):** Ethernet connectivity across the AboveNet metro core network with guaranteed bandwidth availability
- **Metro Ethernet Standard (100Mbps, 1Gbps):** Ethernet connectivity across the AboveNet metro core network with guaranteed bandwidth service level
- **Metro Ethernet 10Gigabit:** Fully private Metro Ethernet solution with 10Gbps handoffs using 100% private fiber and dedicated equipment to your enterprise

##### **Multipoint Metro Ethernet eHub**

- **Multipoint Metro Ethernet: eHub Dedicated (100Mbps, 1Gbps, 10Gbps):** Hub and spoke, layer 2 Ethernet connectivity, with dedicated bandwidth and fiber tails
- **Multipoint Metro Ethernet: eHub Standard (100Mbps, 1Gbps, 2Gbps, 3Gbps and, 5Gbps):** Hub and spoke, layer 2 Ethernet connectivity, utilizing shared bandwidth with dedicated fiber tails and QoS option

##### **Multipoint Metro Ethernet eLAN**

- **Multipoint Metro Ethernet: eLAN Dedicated (100Mbps, 1Gbps, and 10Gbps):** Any-to-any, VPLS Ethernet connectivity, with dedicated bandwidth, dedicated fiber tails and QoS option
- **Multipoint Metro Ethernet: eLAN Standard (100Mbps, 1Gbps, 2Gbps, 3Gbps, 5Gbps):** Hub and spoke, layer 2 Ethernet connectivity, utilizing shared bandwidth with dedicated fiber tails

#### **dcXchange**

- **dcXchange (10Gbps, 2.5Gbps, 1Gbps, OC-12 to OC-192):** provides high capacity circuits between key carrier hotels and data centers in strategic markets in North America. Available as unprotected, protected or path protected and service over shared network infrastructure

#### **Fiber Optic Infrastructure**

- **Fiber Optic Infrastructure:** Customer managed private fiber connectivity

### **(WAN) Wide Area Network Solutions**

#### **Metro IP**

- **Metro IP (1Gbps or 10 Gbps connections, with burst capability):** Metro IP service bundles a dedicated fiber connection from the customer premise to an AboveNet IP POP to provide Internet Access

#### **IP Transit**

- **IP Transit (FastE, 1 Gbps, or 10 Gbps - fixed or burst capability):** is internet access service delivered to customers with a port connection on AboveNet's Tier 1 IP network

#### **VPN**

- **VPN IPMesh (Up to 10Gbps connectivity with a minimum commitment of 20, 50 or 100 Mbps of point-to-point connectivity):** Layer 3 connectivity between three or more Customer Locations using private IP routing (RFC 2547) based on customer IP addresses, leveraging a QoS enabled Tier 1 IP/MPLS network to transport data between multiple customer locations in multiple cities
- **VPN eMesh (Up to 10Gbps connectivity with a minimum commitment of 20, 50 or 100 Mbps of point-to-point connectivity):** Layer 2 multipoint connectivity between three or more Customer Locations using Virtual Private LAN Service (VPLS) for traffic forwarding based on Customer MAC addresses
- **VPN eWAN Up to 10Gbps connectivity with a minimum commitment of 20, 50 or 100 Mbps of point-to-point connectivity):** Layer 2, point-to-point, circuit connectivity between two Customer Locations using MPLS encapsulation featuring QoS prioritization and IP Transit add-on

#### **eXpressWave™ Long Haul**

- **eXpressWave™ Long Haul Optical Transport (1Gbps, 2.5Gbps, 10 Gbps):** Point to Point inter-city connectivity for Enterprise customers