



AboveNet™

## AboveNet WDM Wavelength Services

Extend your LAN/WAN Across the Metro

Enable Storage Solutions

Bypass the Local Phone Company

### 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 2.3 million fibre miles

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

### AboveNet

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## Productive High Bandwidth Networking

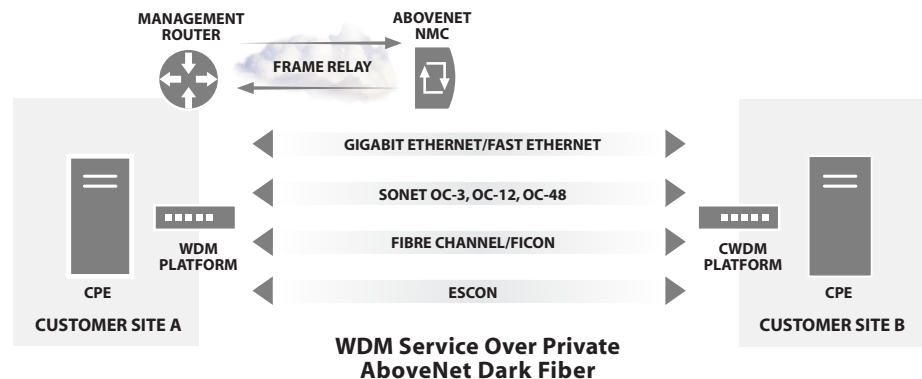
Performance, efficiency, reliability and security are what corporate networks need to enable enterprise productivity. Network congestion and service interruptions cost the enterprise precious time that results in lost productivity, and lost revenue.

What used to be acceptable just isn't good enough anymore. Today's networks carry more than traditional voice services. Critical business applications rely on Gigabit Ethernet services, transparent LAN/WAN services and business continuity storage services. Emerging VOIP and video applications require optical infrastructures to deliver the performance needed - at a cost that's affordable. AboveNet offers integrated access services built on its high-density metro fiber networks. We connect thousands of businesses to each other and to their customers, partners and suppliers. When you combine our metro fiber with breakthrough Wavelength Division Multiplexing (WDM) optical networking technology it changes the economics of delivering productive networking power to your enterprise.

## More networking power, less waiting

AboveNet WDM Wave Services address specific business needs today while offering a future-proof platform for growth. Now you can expand your network one wavelength at a time to reach more of your offices, employees, partners and customers with the applications that drive your business. WDM delivers applications over all of today's most popular network transport protocols.

And, when it's time to deploy another business application provisioning is "plug-n-play" fast, just add another Gigabit Ethernet connection or an OC-12 connection. That's because AboveNet designed its architecture with few elements. In fact, there are only two layers: dark fiber and optical networking technology. Adding incremental service to your network is as simple as plugging in optical cards into the WDM solution.





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## Protection Options

AboveNet has two primary protection service protection options to meet your reliability and availability requirements:

**Unprotected:** Standard service configuration includes a point-to-point fiber network with single equipment configuration.

**Protected:** Mission-critical service configuration includes diversely routed fibre paths, and redundant optical networking equipment that protects your service from fibre cuts and equipment failure.

## Start today with your top business priority

Connecting two locations with a single wavelength service is fast and easy. It's your choice where to start:

- **LAN/WAN extension.** Offers a 40Gbps, 10Gbps, 2.5Gbps or 1Gbps wave service to extend your corporate LAN/ WAN to multiple, metro area locations
- **Business continuity.** Use a Fibre Channel, ESCON or FICON wave to implement affordable data mirroring services, Storage Area Network (SAN) services and other Disaster Recovery solutions
- **Voice/Video over IP.** Use a Gigabit Ethernet wave to economically deploy advanced business applications and seamlessly integrate emerging technology solutions into your network
- **Traditional telephony and data.** Use a SDH wave to bypass the local loop and reduce expenses by replacing existing telco circuits with higher speed, higher capacity AboveNet wavelengths
- **Highest Commercially Available Metro Transport.** You can have 40 Gbps fiber connectivity via an OC-768 handoff at your premises

## You're in control

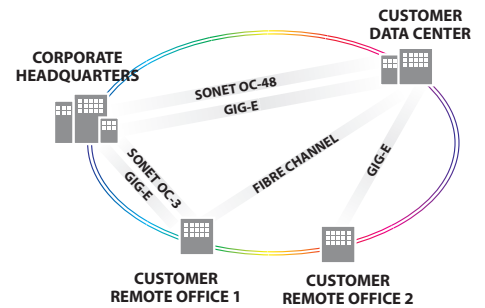
As your business grows your network can expand. AboveNet WDM Wavelength Services give back the freedom to innovate without forcing your business into restrictive technology interfaces imposed by traditional telcos. When your business priorities change your AboveNet network is ready to change with it.

- New Locations
- New Applications
- Changing Service Types

## Performance you expect

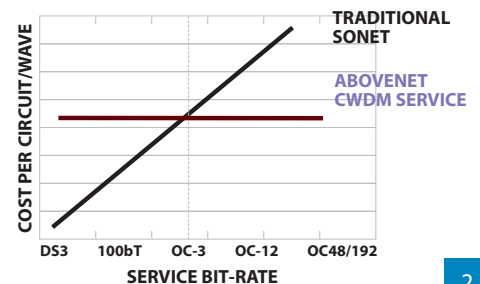
AboveNet offers you high-performance service with a unique combination of infrastructure, optical networking, all supported by our state-of-the-art Network Management Center (NMC).

Private Fibre. AboveNet's private fibre optic network infrastructure is the foundation of high reliability of every WDM-based services.



## More networking power. Less price

In many cases you can expect an almost immediate return on your investment at an OC-3 service level. Discover the bottom-line economics of WDM-based solutions compared with traditional SONET/TDM based services as you grow your network and expand services.



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