

MANAGED WAVES

Metro and Regional Wavelength Services

If your business needs to move huge volumes of data, quickly and over long distances, it's enough to make a private fiber connection worth considering. But what if you don't want to invest in the expensive equipment or "do-it-yourself" engineering and maintenance that come with leasing dark fiber? The sensible alternative is a managed wavelength service, which gives your company extremely high, dedicated optical bandwidth in a simpler and budget-friendly configuration with bandwidth levels from 1 to 10 Gbps and beyond.

With Managed Waves from Alpheus, you maintain the freedom to run multiple applications – data, voice, and video – in their native protocols, scale bandwidth easily as your needs evolve, and leave the complex network management tasks to us.

Leverage Alpheus' **MANAGED WAVES SERVICE** to:

- Establish a high-bandwidth fiber connection (point-to-point) between distant locations such as headquarters and a data center.
- Achieve a cost-effective alternative to lighting and managing dark fiber.
- Implement load sharing with two point-to-point connections.
- Deploy diversely routed fiber pairs for redundancy and business continuity applications.
- Manage various applications over a single fiber wavelength with no need to replace equipment when your needs change.
- Interconnect with other services such as E-Line, MPLS and Dedicated Internet Access.

The Alpheus **ADVANTAGE**:

- **Efficiency:** Dense Wave Division Multiplexing (DWDM) technology enables maximum bandwidth for the lowest cost.
- **Flexibility:** Managed Waves service supports all major networking protocols (ATM, Frame Relay, SONET, Ethernet and IP) and interfaces with SONET or Gigabit Ethernet.
- **Scalability:** Move easily between bandwidth options from 1 to 10 Gbps. Bandwidth beyond 10 Gbps is available by multiplexing waves onto a single pair of fiber for redundant, load sharing, diversely routed fiber pairs.
- **Security:** Choose between protected, unprotected, or load sharing (physically diverse) configurations.
- **Professional support:** Count on 24/7 network monitoring and technical assistance.