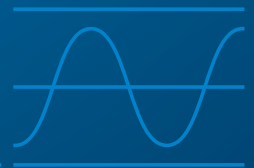


Wavelength Services



High-speed, dedicated WAN connectivity, available nationwide, to support your most demanding application needs.

Today's enterprise WANs must accommodate data-intensive applications including data replication, critical cloud services and data center connectivity. All of these applications can benefit from high-performance transport that is not always possible with traditional private line solutions.

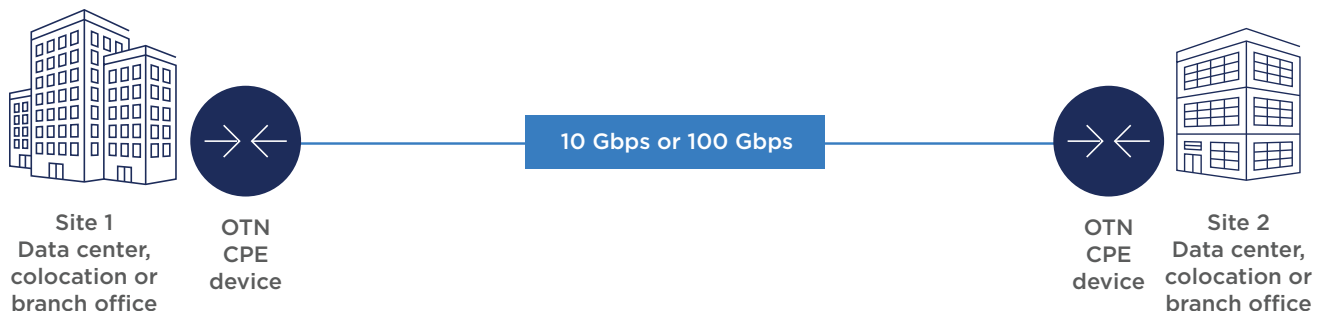
To meet this challenge, Spectrum Enterprise offers Wavelength Services — a fast, secure and reliable fiber optic network. Wavelength Services are delivered over dedicated, point-to-point private connections, which eliminates switching delays and provides very low-latency bandwidth. Our high-bandwidth solution provides speeds of 10 Gbps or 100 Gbps with managed equipment that minimizes the capital expense and IT resources needed to operate a fiber network. Add Wavelength Services to your WAN and get the connectivity you need in a solution designed for maximum speed and performance.

Product highlights

- **Optimize data delivery:** Dedicated optical channel maximizes high-speed delivery of bandwidth-intensive files.
- **Improve resiliency:** Dedicated connections between data centers and key locations enable business continuity and disaster recovery response.
- **Managed solution:** Provider-managed equipment reduces the complexity and costs of high-bandwidth connectivity often involved with do-it-yourself (DIY) dark fiber deployments.

Key features

- Point-to-point private dedicated circuit delivers speeds of 10 Gbps or 100 Gbps.
- Predictable and very low latency and jitter.
- Custom routing and network diversity options available.
- 24/7/365 U.S.-based support.
- Includes managed optical transport network (OTN) equipment.



Applications*	
Data center connectivity	Medical imaging transport
Connect key physical locations	Financial data transactions
Off-site data backup and replication	Content and media distribution
Large file transfers	Connect to storage area networks
Disaster recovery	Remote applications

Technical specifications

Wavelength Services

Service: Layer 1 service.

Speeds: 10 Gbps or 100 Gbps.

Technology:

- Dense Wavelength Division Multiplexing (DWDM).
- Dedicated optical channel to the client.
- Low-latency routing with no packet switching.

Client hand-off types from the OTN equipment

10 Gbps

- LAN-PHY, WAN-PHY, OC192, OTU2.
- SM or MM.

100 Gbps

- LR4 or SR4.
- OTU4-LR4.

*Non-comprehensive list of applications.

Learn more

enterprise.spectrum.com/WavelengthServices

About Spectrum Enterprise

Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving many of America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes [networking and managed services solutions](#): [Internet access](#), [Ethernet access and networks](#), [Voice](#) and [TV solutions](#). The Spectrum Enterprise team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. For more information, visit enterprise.spectrum.com.

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