



TRANSPORT

Level 3® Transport Services offer a number of advantages to customers with our extensive on-net footprint, industry-leading diversity and latency performance, custom-designed optical solutions, and our willingness to build fiber to customer locations. Level 3 has the responsiveness, agility and customer focus of a small carrier with the resources, bandwidth and network of the largest carriers.

Level 3 Wavelengths Service

One Provider for Data on the Move

Customers are faced with providing solutions to support an ever increasing demand cost effective bandwidth. As applications become more sophisticated and more users begin to use them, bandwidth demands continue to grow. Whether between cities or within a metro market, you have access to a high-speed, dedicated, point-to-point, unprotected and protected wavelength service. The Level 3® Wavelength service is an end-to-end data transport solution that delivers the network transparency you need for control of your management and protection scheme. Through a combination of our metro and intercity assets and our design expertise, Level 3 can work with you to design and build a comprehensive and reliable network solution.

Business Solutions

- **Collaborative Design:** Level 3 can closely collaborate with your network planners to design a comprehensive wavelength transport solution. The Level 3 team of dedicated network architects leverages the breadth and depth of Level 3's assets to provide you a highly reliable network through dual-gateway and route and equipment diversity, where available.
- **Network that Grows With You:** With available speeds from 1 Gbps to 40 Gbps, Level 3 can customize the right transport solution for your business needs now and in the future on our high-performance, scalable network.
- **Cost Savings in Capex and Opex:** Unlike the potential oversupply of bandwidth with a dark fiber solution, this service allows you to buy only the bandwidth you need. We can help you to:
 - Reduce up-front capital investment in equipment, as well as the time and money associated with testing, evaluating and implementing it
 - Save on operational expenses from managing your own fiber infrastructure
 - Save the unnecessary cost of built-in protection if you don't want or need it
- **Comprehensive Solutions from a Single Provider:** Our customers tap into Wavelengths for several solutions:
 - Transport (SONET/SDH) backbones to support carriers' private line networks
 - Internet (IP) backbones for carrier, cable, ISP or large content providers
 - Large layer 2 and 3 networks
 - Large data backup and storage, including Business Continuity/Disaster Recovery and Storage Area Network applications

Technical Features / Capabilities

- Speeds: 2.5 Gbps, 10 Gbps, 40 Gbps, GigE and 10 GigE LAN PHY
- Protected and unprotected point-to-point configurations
- Fully mirrored, 24 x 7 Network Operations Centers (NOCs)
- Fully staffed Field Operations group in each market
- Customer-specific routing
- Maximum latency guarantee
- Low-latency routes
- Network footprint with multiple physical routing options

Why Choose Level 3 for Wavelengths Service?

- Tap into the expertise of our dedicated team of network architects.
- Access 54,000 intercity route miles and 27,000 metro route miles in 116 U.S. metro markets.
- Trust one provider for your end-to-end solution meeting both metro and intercity needs.
- Easily add on other transport options, including Private Line, Ethernet Private Line, Private Dedicated Ring and Private Line Hub and Endlinks services.
- Ongoing investments to scale our network make us a network provider that can support your growth.
- Level 3 owns and operates our own facilities-based network, so we have direct control over performance and quality.
- Level 3 provides the Network Operations Center (NOC), field support, and operations support systems for our transport network, so you have less to worry about.
- We connect to 85 percent of all undersea cable system capacity.
- We often build onto our extensive network by responsively building into our customer sites, if needed.

ABOUT LEVEL 3

As a leading international provider of fiber-based communications services, we are dedicated to helping our customers keep pace with the demands of an increasingly networked world.

We couple a broad service portfolio with one of the world's most scalable end-to-end networks to deliver a set of solutions built for the 21st century.

To find out how Level 3 can be your single-provider solution for all of your business needs, contact us today:

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