

Level 3 Intercity Wavelengths

Building and Managing Large Backbone Solutions

Not every intercity network need is met by dark fiber and private line services. Dark fiber solutions can require a large up-front capital investment, and can result in an oversupply of bandwidth and significant network operations expenses. Private line solutions, on the other hand, may come with unnecessary protection – and its associated costs – across a network where higher-layer technologies can adequately support self-healing or disaster-recovery needs.

The Level 3 Intercity Wavelength solution can provide you with the network transparency you need to control your management and protection scheme with high-speed, dedicated, point-to-point, unprotected wavelength service at 2.5 Gbps, 10 Gbps, and 10GE LAN PHY.

Delivering proven experience and leadership in backbone solutions

Many of our customers choose Level 3 for our unique expertise and commitment to collaborative network design. The same dedicated team of network architects that works with you is the same team responsible for designing the Level 3 Network. We also have proven experience in building, managing and maintaining customer backbone solutions.

Investing to scale with your business

Ongoing investments to scale our network make Level 3 a network provider that can support your growth. Because we offer speeds from DS-1 to OC-192 and have technology deployments that have enabled new, market-leading services like 10 GigE LAN PHY and 40 Gbps waves, we can support your unique bandwidth requirements between locations and support traffic growth effectively. Level 3 has more than 50,000 unique intercity routes available to customers, and access to 85 percent of all undersea cable system capacity, connecting you to the rest of the world.

Ensuring quality with direct control and diversity

Level 3 owns and operates a facilities-based network, so we have direct control over performance and quality. We have fully mirrored, 24 x 7 Network Operations Centers (NOCs) and a fully staffed Field Operations group in each market, as well as an in-house cable protection bureau that prevents risky digs. Level 3 has the diversity capabilities you need: We have minimal network spurs and collapsed intercity rings, we build diverse laterals, and we offer physical, electrical, and dual-gateway diversity options.



Level 3 Network



FEATURES

- > Speeds from DS-1 (E-1) to OC-192 (STM-64)
- > Market-leading services like 10 GigE LAN PHY and 40 Gbps waves
- > Fully mirrored, 24 x 7 Network Operations Centers (NOCs) and a fully staffed Field Operations group in each market
- > Supports unprotected, point-to-point configurations

BENEFITS

- > Tap into the expertise of our dedicated team of network architects
- > Ongoing investments to scale our network make Level 3 a network provider that can support your growth
- > Level 3 owns and operates a facilities-based network, so we have direct control over performance and quality
- > Connectivity to 85 percent of all undersea cable system capacity

WHY LEVEL 3

Comprehensive solutions from a single provider

Level 3 delivers the power and agility that your business requires in an intercity wavelength provider. With Level 3, you can tap into the expertise of our dedicated team of network architects, who will collaborate to design the best solution for your business. Our comprehensive solutions include construction, project management, ongoing maintenance, upgrades and end-to-end lifecycle process management to help ensure the highest level of service and support.

To learn more about how the Level 3 Intercity Wavelength solution can help your business, call 1-877-2LEVEL3, or visit: www.Level3.com.