

LEVEL 3[®] WAVELENGTH SERVICE

UP TO 100G AVAILABLE. MORE BANDWIDTH. SAME PROVEN NETWORK.

Every day, service providers are asked to do more with less. Insatiable demand for network-based services like broadband internet, smartphones and cloud computing applications is driving relentless bandwidth growth. Your customers demand that their services are lightning-fast and always-on. At the same time, your network and operating budgets are shrinking.

Service providers need to scale quickly, deliver high-quality services to their customers, simplify network operations and reduce costs. The Level 3 Wavelength Service combines the best of all worlds:

- Ultimate scalability with speeds up to 100 Gbps
- Award-winning network performance
- Global network coverage
- Efficient network operations and reduced costs
- Consultative design

What Level 3 Can Do For You

Scalability: Right-size and scale your network more efficiently with Level 3's full range of wavelength speeds, including 100 Gbps.

Performance: Deliver fast, high-availability services and applications using Level 3's low-latency routes, latency guarantees, variety of diversity options and custom routing.

Operational Efficiency and Reduced Costs: Make more efficient use of bandwidth with increased reliability and carry more bandwidth (speeds up to 100 Gbps) with fewer network elements on a custom-designed wavelength network solution that is easier to scale, easier to operate and less costly than other network solutions.

Global Network Coverage: Connect to important carrier hotels, data centers, cable landing stations, mobile switching centers and cable headends with Level 3's global network coverage in more than 60

countries and more than 500 markets with more than 200,000 fiber miles in North America, Europe, Latin America and Asia, including approximately 67,000 metro route miles and approximately 33,000 subsea route miles.

Level 3 100 GigE Wavelength Service Reach Now Available

Over 72,000 route miles serving 140 markets across 29 countries

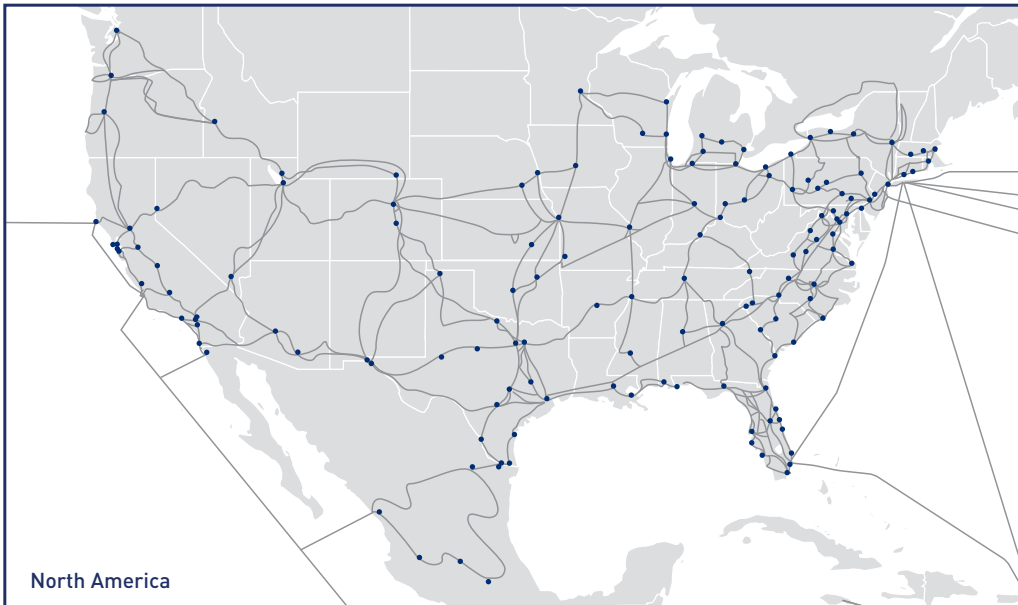
- North America: 71 markets with 3 diverse East-West coast-to-coast routes
- Europe: 55 markets across 22 countries
- Latin America: 14 markets across 7 countries
- Subsea:
 - 3 diverse trans-Atlantic routes
 - East and West routes around South America

Consultative Design: Build your network to deliver high-performance services and reduced costs with a custom network solution designed by Level 3's dedicated Solutions Architect Team – with available low-latency routes, latency guarantees, custom routing and design transparency.

Technical Features / Capabilities

Level 3 Wavelength Services

- Ethernet speeds: 1, 10, 100 Gbps
- SONET/ SDH speeds: 2.5, 10, 40 Gbps
- OTU speeds: OTU 1, 2, 2e, 3, 4
- FICON and Fibre Channel (Metro only): 1, 2, 4, 8 and 10 Gbps SAN
- Protected and unprotected solutions
- Available low-latency routes and latency guarantees
- Available custom routing and transparent network design



North America

WAVELENGTH SERVICE AVAILABILITY



Latin America



Europe

● Wavelengths Location

— Level 3 Network

Level 3's global network is made up of owned, leased access and IRU segments, which are not distinguished on this map. Level 3 engages in-region carriers to provide services in some markets.

ABOUT LEVEL 3

We operate and take end-to-end responsibility for network solutions that connect you to the world. We put customers first and take ownership of reliability and security across our broad portfolio.

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