

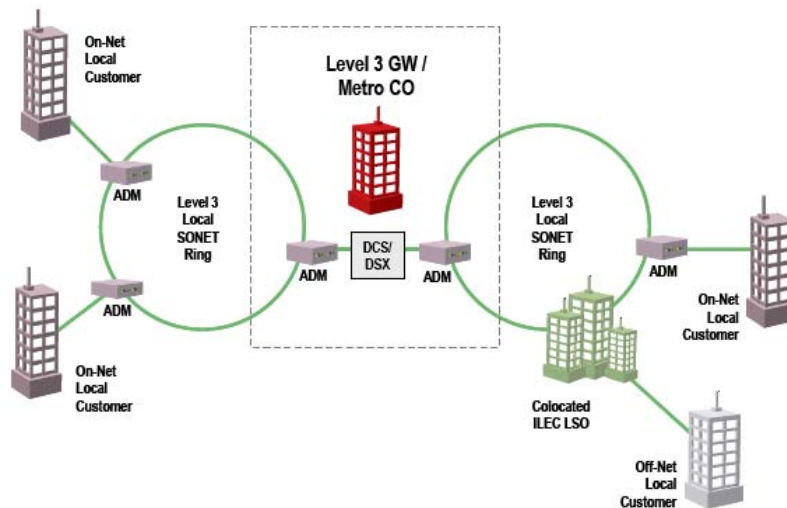
Level 3 Metro Private Line

Metro Solutions – Where and When You Need Them

With sophisticated networks and growing bandwidth needs, metro buyers need a powerful network partner, not just a vendor. Level 3 can help you design and build a comprehensive, end-to-end metro solution — a scalable solution that is designed to meet your timelines and demands for growth.

The Level 3[®] Metro Private Line service uses dedicated, redundant local SONET rings to move data traffic between customer sites, including major data aggregation points in a given geographic area, such as carrier hotels, peering points, and ILEC Central Offices (COs). Our Metro Private Line service includes DS-1 (ICB), DS-3, OC-3/3c, OC-12/12c, OC-48/48c, and OC-192 as Point-to-Point, Hub, or Private Dedicated Ring (PDR) configurations, depending on your business and network needs.

Level 3 Metro Private Line Diagram



Enabling business growth with scalability

Our extensive Metro fiber network footprint enables you to extend your local network and meet your intercity and IP requirements using a single provider. Level 3's continuously growing network interconnections include key high-bandwidth sites, COs, major peering and traffic exchange sites, cable landing and teleport sites, and locations for cable, wireless, Voice Service Providers (VSPs) and Internet Service Providers (ISPs).

End-to-end service, coupled with constant monitoring and testing by Level 3's Network Management Center (NMC), eliminates the problems that can result from multi-vendor provisioning. Level 3's scalable fiber-optic network allows room for you to grow and expand. Our portfolio of Metro services allows you to easily migrate between lit transport options that include private line, Ethernet, wavelength, and dark fiber services as your business needs change.

Connecting you with diversity and availability

Level 3 fully owns and operates a facilities-based Metro fiber network, so we have direct control of end-to-end network quality. We offer 99.999 percent network availability based on geographically diverse facilities at all levels, with no collapsed intercity or Metro rings, diverse entrances into each Level 3 Gateway, diverse laterals into over 95 percent of our key high-bandwidth aggregation sites, and electronic diversity design options.

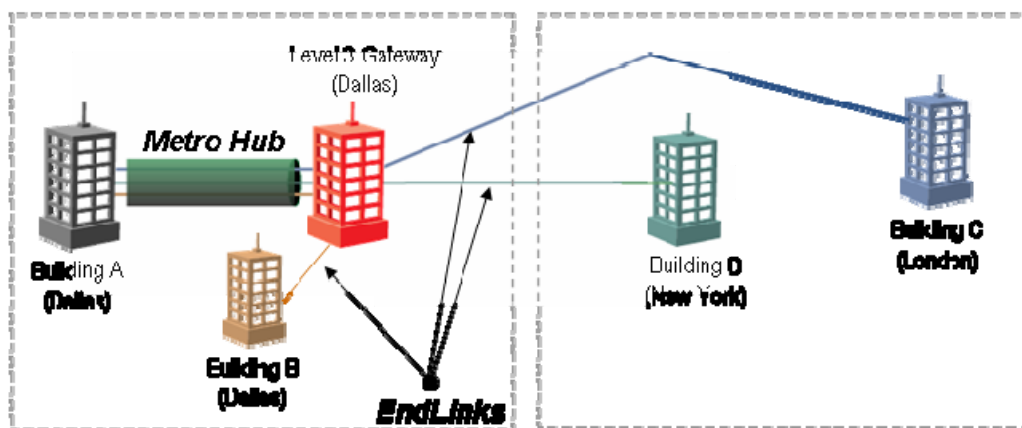


Private Line Featured Configurations

Level 3[®] Private Line Hub service provides point-to-point, dedicated high bandwidth private line connections between a major data aggregation point and an end site. The Private Line Hub service allows a customer to aggregate private line traffic at a Level 3 point of presence, from metro and intercity sites, and provides a single, high-bandwidth, private-line connection to another location (i.e., a corporate data center – see diagram below).

The Private Line Hub service is available in three configurations: Metro Hub – between two sites within the same Metro market; Intercity Hub - between any two intercity nodes; Zero-mile Hub – for colocation customers within a Level 3 Gateway. Lower bandwidth, point-to-point, dedicated metro or intercity private-line circuits or end links, enable you to aggregate multiple locations to the Hub for efficient transport across the network. The Private Line Hub service offers the following key values to the customer:

- Reduces Network Expenses compared to multiple transactional circuits
- Reduces Operational Expenses by aggregating lower bandwidth circuits on to a single high bandwidth connection to the Level 3 Network
- Improves flexibility by enabling you to add end links to the Hub as you need them, allowing you to pay-as-you-grow.



Metro Hub example with both Metro and Intercity EndLinks

Level 3[®] Private Dedicated Ring service provides a high bandwidth, protected SONET service offered at ring capacity speeds of OC-48 or OC-192. The SONET equipment is dedicated for our customers' use and is provisioned over the Level 3 Metro network. With the Private Dedicated Ring service, you can then configure the drop side, or the lower bandwidth circuit capacity, at each of the nodes on the ring to enter and exit the ring in increments from DS-1 to OC-48 or 50 Mbps, 150 Mbps, 300 Mbps, 600 Mbps and 1GB for Ethernet interfaces.

FEATURES

- Speeds from DS-1 (ICB), DS-3, OC-3/3c, OC-12/12c, OC-48/48c, and OC-192
- Point-to-Point, Hub and EndLink or Private Dedicated Ring configurations
- Fully mirrored, 24 x 7 Network Operations Centers
- (NOCs) and a fully staffed Field Operations group in each market
- 99.999 percent network availability

BENEFITS

- Extend your local network and meet your intercity and IP requirements using a single provider
- Level 3 fully owns and operates a facilities-based metro fiber network, so we have direct control of end-to-end network quality
- Level 3's scalable fiber-optic network allows room for you to grow and expand

WHY LEVEL 3?

Level 3 delivers the power and agility that your business requires in a metro private line provider. When you look to Level 3 for your metro solutions, you 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.

Learn more about how the Level 3 Metro Private Line solution can help your business.