

Metro Connect

Extend the reach of your colocation across the city.

Today's modern IT infrastructure often spans multiple facilities to support growth, enhance resiliency, and to link to key service providers and business partners. The Solution? Dedicated and On-Demand Metro Bandwidth. Deploy and configure metro area network connectivity between Cyxtera campuses and select regional network exchanges to support growth or add resiliency to your infrastructure.

Metro Connect Services

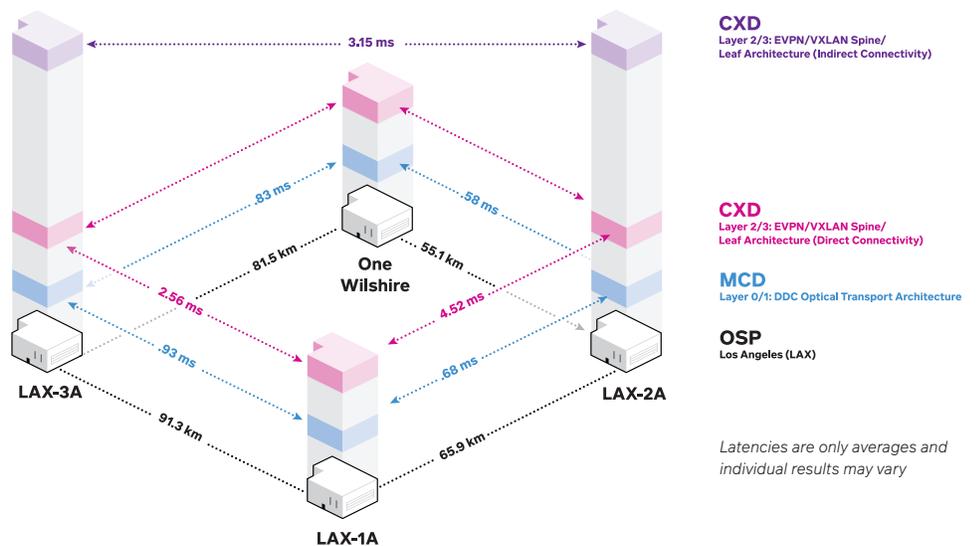
- **Metro Connected Dedicated** is delivered as an encrypted Layer-1 optical wave service in both 10 and 100 Gbps data rates, providing low latency connectivity between Cyxtera's data centers and select multi-provider facilities ("carrier hotels") in the same metro area.
- **CXD Metro Cross Connect** is a virtual network connection delivered over the Cyxtera Extensible Data Center, or CXD, allowing on-demand and software powered connectivity between CXD customers.
- **Metro Connected Dark Fiber** is a single-mode dark fiber connection between a Cyxtera facility and another location within a metro area.

Benefits

- Access to a broader range of carriers and service providers
- Ease of doing business with colocation and inter-data center connectivity from a single provider
- Quickly and easily adjust and adapt metro connectivity in response to changing business needs
- Support IT infrastructure growth without worry of capacity constraints
- Seamlessly connect colocation environments in multiple metro locations aiding in footprint expansion and disaster recovery

How It Works

Data Center connectivity for Metro Connect services is achieved over Cyxtera-operated and diverse Dark Fiber links on an encrypted ultra-low latency Dense Wavelength Division Multiplexed (DWMD) Layer-1 architecture. Customers are able to procure these services from Cyxtera directly versus sourcing through traditional network providers making expanding within a metro simpler and frequently more cost effective.



Metro Connect Dedicated

Metro Connect Dedicated is a secure, encrypted network service delivered as a single-threaded, Ethernet Private Line which traverses Cyxtera's optical wavelength network. The service can be delivered with a redundant path to protect against network transport failures and a redundant port to protect against CPE failure. Cyxtera engineers will work with you design the metro network best suited for your needs.

Metro Connect Dedicated includes:

- Secure encrypted layer 1 or 2 connection
- Cross connects in Cyxtera facilities
- 24/7 monitoring with a 99.999% or better SLA
- Redundancy options

Resiliency Options:

Diversity options for Metro Connect Dedicated are as follows:



Single port, single path

Cyxtera will design the connection with a single network path with no fail-over. This option is only recommended for non-critical connections or used in combination with another network provider where fail-over is managed by the customer.

Single port, dual path

Cyxtera will design the connection over two separate paths and manage fail-over in the event of a service disruption on one of the paths.

Dual port and dual path

Cyxtera implements two separate Metro Connect Dedicated single threaded instances using separate port and paths. The customer is responsible to manage the fail-over in the event of a service disruption on either instance.

Availability:

Metro Area	Metro Connect Dedicated Cyxtera Data Centers	Metro Connect Dedicated 3 rd party Locations
Chicago, IL	ORD1, ORD2	Digital Realty 350 Cermak, Chicago, IL (2nd Floor)
London, UK	LHR1, LHR2, LHR3	Telstra 6 Greenwich View Place (Ground Floor, 1st Floor)
Los Angeles, CA	LAX1, LAX2, LAX3	Coresite One Wilshire Building 4th Floor, Los Angeles, CA 90017
New Jersey	EWR1, EWR2, EWR3	
Phoenix, AZ	PHX1, PHX2	Iron Mountain 615 N 48th St., Phoenix, AZ (1st floor)
Silicon Valley	SFO1, SFO2, SFO3, SFO4	
Northern Virginia	IAD1, IAD2, IAD3	

CXD Metro Cross Connect

Cyxtera's CXD Metro Cross Connect service allows customers who have established access to the CXD to "stretch" a VLAN across the software-defined network, thus providing a virtual connection across the metro area.

- Available in all Cyxtera**
- Data Centers located in:**
- Chicago
 - London
 - Los Angeles
 - New Jersey
 - Phoenix
 - Silicon Valley
 - Northern Virginia

CXD Metro Cross Connect:

No separate charge for bandwidth – bandwidth is determined by the associated CXD Port speed.

Provisioned in near-real time once customers have accepted the connection.

Fully redundant service

24/7 monitoring with a 99.999% or better SLA

Metro Connect Dark Fiber

Metro Connect Dark Fiber is a dedicated fiber optic connection between a Cyxtera Data Center and a select multi-provider facility within the same metro area. Metro Connect Dark Fiber is exclusively available in one of Cyxtera's newest data centers – SFO4 – and connects Cyxtera colocation customers to 100+ providers located within the metro. Customers can take advantage of brand new space without having to worry about their interconnection needs being met.

Availability:

Cyxtera Data Center SFO4 in Silicon Valley to 1100 Space Park.

Benefits:

Connections can be established in as little as 2 business days.

All Cross connects required to deliver the overall connection are included



If you'd like to talk about how we can help you deploy Metro Connect, please call us at **1-855-699-8372** or email us at **sales@cyxtera.com**