



# 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.

## 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

## 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.

## WHAT IS METRO CONNECT?

Metro Connect is a metropolitan area network ("MAN") service available as both a switched and dedicated option.

## Metro Connect includes:

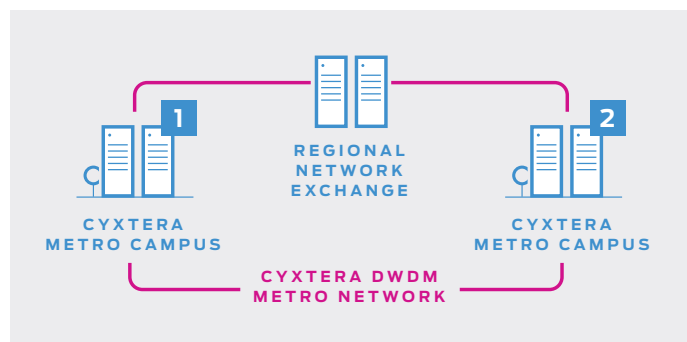
- Secure encrypted layer 1 or 2 connection
- Cross connects in Cyxtera facilities
- 24/7 monitoring with a 99.999% or better SLA
- Redundancy options

**Metro Connect Switched** leverages the on-demand power of the Cyxtera Extensible Data Center (CXD) platform seamlessly extending your layer 2 network between Cyxtera data centers. Designed for dynamic connectivity needs up to 10Gbps.

**Metro Connected Dedicated** is delivered as a layer 1 encrypted optical wavelength available in 10 and 100 Gbps connections between Cyxtera data centers in the same metro area.

## HOW IT WORKS

Cyxtera operates a state-of-the-art Dense Wavelength Division Multiplexing (DWDM) network in select markets to link its data center campuses and select affiliate facilities. The network provides customers with a secure layer 1 or 2 connection delivered as either Ethernet Private Line (Metro Connect Dedicated) or VLAN (Metro Connect Switched) over a CXD port.



## DATA CENTER SERVICES METRO CONNECT INFORMATION SHEET

### TECHNICAL SPECIFICATIONS

Metro Connect is a secure, encrypted network service based on Dense Wavelength Division Multiplexing (DWDM) technology and can be provisioned with both port and path redundancy.

- Metro Connect Dedicated: Dedicated 10Gbps and 100Gbps Optical Wave Service (“OWS”) traversing the fully redundant and encrypted Cyxtera MAN.

- CXD Metro Connect Switched: Available via the Cyxtera Extensible Data Center (“CXD”) network with speeds up to 10Gbps.

### METRO CONNECT SWITCHED

CXD Port Speed	Handoff Type	CXD Port	50 Mbps	100 Mbps	300 Mbps	500 Mbps	1 Gbps	10 Gbps
100 Mbps	Cat6 with RJ45	10/100 Fast Ethernet	X	X				
1 Gbps	SMF with LC Connector	1 Gigabit Ethernet	X	X	X	X	X	
10 Gbps	SMF with LC Connector	10 Gigabit Ethernet	X	X	X	X	X	X

### METRO CONNECT DEDICATED

Metro Connect Dedicated is 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.

#### Resiliency Options:

Diversity options for Metro Connect Dedicated are as follows:

**Metro Connect Dedicated – Single port, single path:** Cyxtera will design the connection with a single network path with no failover. This option is only recommended for non-critical connections or used in combination with another network provider where failover is managed by the customer.

**Metro Connect Dedicated – Single port, dual path:** Cyxtera will design the connection over two separate paths and manage failover in the event of a service disruption on one of the paths.

**Metro Connect Dedicated – 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 failover in the event of a service disruption on either instance.

Metro Area	Cyxtera Data Centers	Affiliate Locations
Washington DC	IAD1, IAD2, IAD3	TBD
London, UK	LHR1, LHR2, LHR3	TBD
New Jersey	EWR1, EWR2, EWR3, EWR4	TBD
Chicago, IL	ORD1, ORD2	TBD

