Cologix Vancouver: Metro Connect Services

Convenient, simple solution to increase access across data centres within a metro market

Cologix's Metro Connect is a low-cost product offering that extends Cologix's dense network availability to customers regardless of data centre location within a market. Metro Connect is a fibre-based service that offers bandwidth of 100Mb (FastE), 1000Mb (GigE), or 10G and higher (Passive Wave). FastE and GigE services are delivered through a Cologix switch to the customer via a copper cross-connect. The Passive Wave offering provides a dedicated lambda over Cologix fibre that customers must light with their own network equipment. Customers are able to request one of two diverse routes for all three services. Cologix Vancouver Metro Connect enables:

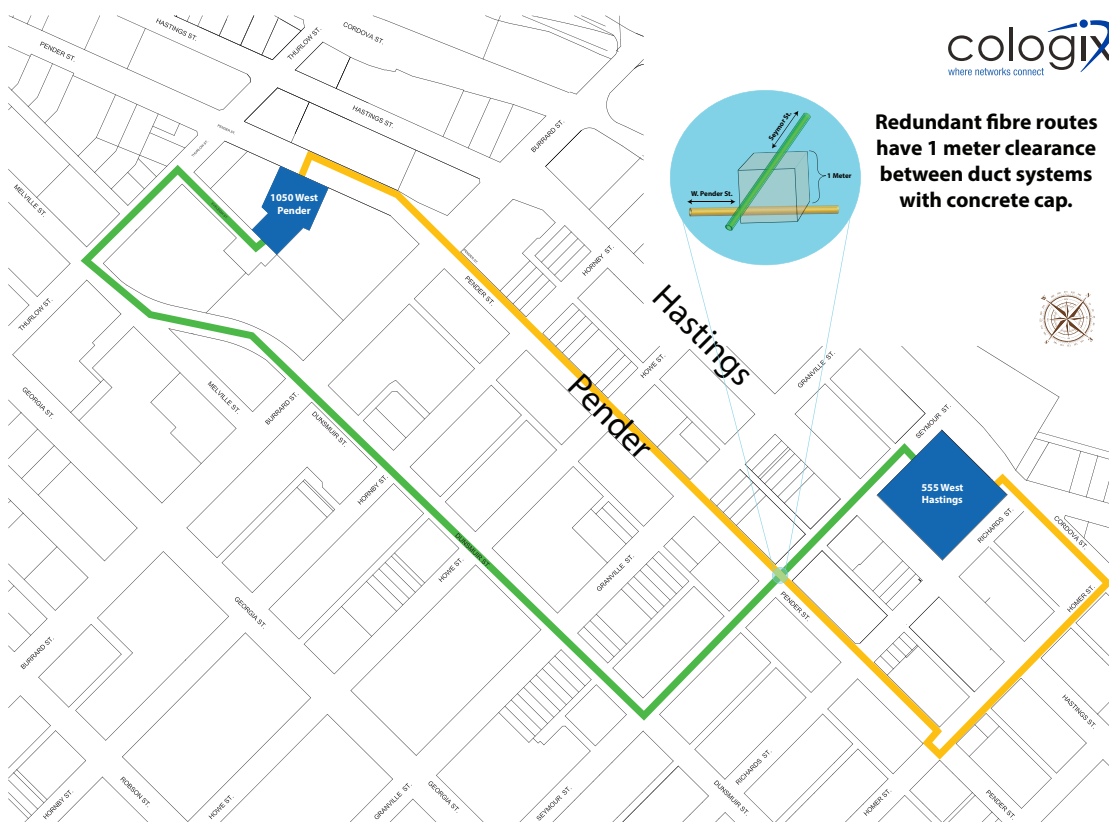- Connections between Cologix's 2 Vancouver data centres
- Extended carrier and network choice
- A low-cost alternative to local loops

Our Vancouver Metro Connect product provides connections between 1050 West Pender and 555 West Hastings over shared dark fiber and Cologix-operated network equipment. The product comes in several different confgurations to solve various customer requirements. **All Metro Connect services include a cross-connect within each facility to provide a complete end-to-end service.**

Cologix Vancouver Metro Connect Map

Redundant fibre routes have 1 meter clearance between duct systems with concrete cap.

Quick Facts:

- Network neutral access to 10+ unique carriers on-site plus 20+ networks at the Harbour Centre via diverse fibre ring
- Home to the primary node of the Vancouver Internet Exchange (www.vanix.ca)
- Standard cabinet & secure cage deployments available
- Highly efficient, green cooling leveraging air side economizers, free cooling & chimney cabinets via ceiling plenum
- Supports 5+ kW per cabinet
- A+B UPS & N+1 backup generator
- Lounge, tech workspace & conference rooms available

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Provided Through Cologix Network Equipment (Juniper):

- **FastE Metro Connect** – A lit Ethernet solution provided over Cologix's Juniper network and dark fiber. Metro Connect – FastE provides customers with up to 100Mb of bandwidth through a Cat5 handoff.

- **GigE** – A lit Ethernet solution provided over Cologix's Juniper network and dark fiber. Metro Connect – GigE provides customers with up to 1000Mb (1Gb) of bandwidth through a Cat5 handoff

Requires Customer Network Equipment:

Passive Wave – A dark (passive) solution provided over Cologix's dark fibre. Metro Connect – Passive Wave provides customers a single wave (colored light) within its passive WDM optical system. Customers must supply their own 1000Mb or 10Gb Transceivers on both sides of the service conforming to Cologix's signal requirements. Customers are able to utilize the wave pathway to deliver any size optical signal between facilities utilizing their own equipment. The system utilizes fiber handoffs.

Cologix Vancouver Network List

Allstream	JUCE Communications Inc.
Bell Canada	Optic Zoo
CIK Telecom	RBBS Telecom
CityWest Cable and Telephone Company	Rogers
Cogent Communications	Sask-Tel
Columbia Networks	Shaw Business Solutions
Distributel	Skyway West
Eastlink	Sohonet
Epik Networks	Telus
GTT	Teraspan
Hurricane Electric	Vancouver Internet Exchange (VANIX)
IrisTel	Zip Telecom
ISP Telecom	
iTel Networks	

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