Cologix Montreal: Metro Connect Services

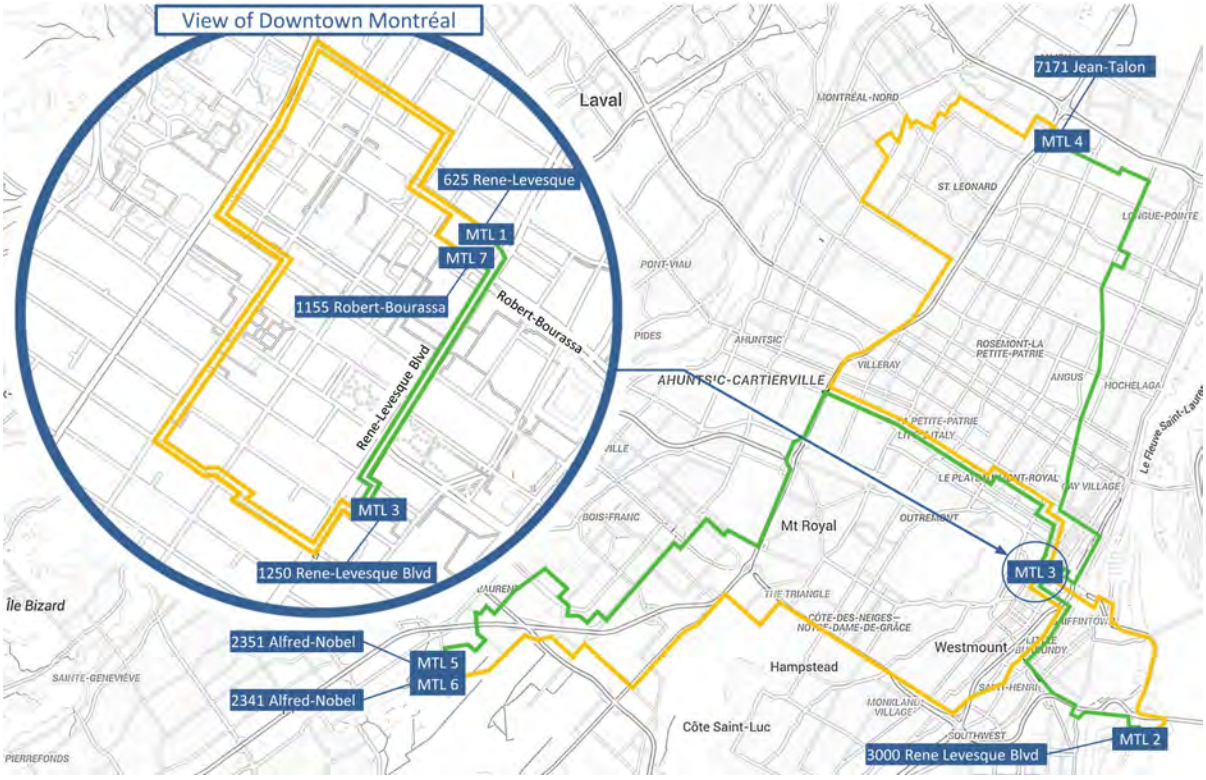
Convenient, simple solution to increase access across data centres within a metro market

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 Montreal Metro Connect enables:

- Connections between Cologix's 7 Montreal data centres
- Extended carrier and network choice
- A low-cost alternative to local loops

Cologix's Montreal Metro Connect product provides connections between the MTL1, MTL2, MTL3, MTL4, MTL5, MTL6 and MTL7 data centres over shared dark fibre 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 Montreal Metro Connect Map



Quick Facts:

- *Cologix operates approx. 100,000 SQF across 7 Montreal data centres*
- *2 pairs of 40-channel DWDM Mux-Demuxes (working and protect) enable 40x100 Gbps between each facility = 4Tbps Metro Optical Ethernet network*
- *Scalable with addition of 40-Channel / 80-Channel PON DWDM Mux-Demuxes pairs*

Passive Wave:

- *Reliant on customer network equipment (1550nm channelized SFPs)*
- *Protocol agnostic – Sonet, SDH, Ethernet, FC, other*
- *Uses passive splitters – no power needed, unlimited MTBF*
- *Inherently secure – resembling physical cross connect*

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US: Columbus • Dallas • Jacksonville • Lakeland • Minneapolis • New Jersey
CANADA: Montreal • Toronto • Vancouver

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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 Montreal Network List

6Telecom
ACN
AEI Internet
Allstream
Altima Telecom
babyTEL Inc.
Beanfield Technologies
Bell Aliant Regional Comm
Bell Canada Enterprises
Bravo Telecom
Buzz Distribution Services
CIK Telecom Inc.
Cogeco Cable Canada
Cogeco Data Services Inc
Cogeco Diffusion
Cogent Canada Inc.
Colba Net
Coop Tel Coop
DataValet
Datawind UK Plc
Distributel
Eastlink
ElectronicBox
Epik Networks Inc
F6 Networks
Fibre Media Inc
Fibrenoire
FirstLight Fiber
Global Internetworking Inc
GTT
Hibernia Atlantic
Hurricane Electric
Hydro One Telecom Inc.
IP4B Telecom Inc.
IrisTel Inc
Level 3 (Global Crossing)
Limelight Network Canada Inc.
Metro Optic Inc.
Montreal Internet Exchange (QIX)
Netcelerate Corporation
Netrium Networks Inc
Netuity Networks Inc
Nexicom
Nova Vision Telecom
OneConnect Services Inc.
Oricom
Ormuco Corp.
Pavlov Media
Phontel Networks
RISQ
Rogers
Securiglobe
Selectcom Telecom
Server North Inc.
Shaw Business Solutions
Silent Circle
Siminn hf
Sohonet
Sprint International Network Services
Tata Communications Ltd.
Teksavvy
Telecommunications Xittel Inc.
Telecorp Canada Inc.
Teliphone Corp
Telus
TeraGo Networks
Triton Digital Canada Inc.
Ubity
UNI-TÉLÉCOM INC
Vermont Telephone Company
Vidéotron S.E.N.C.
VIF Internet
VOXCO
Wajam Internet
ZEROFAIL (Pre2Post)

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