

Cologix @ Canada's Largest Carrier Hotel

TOR 1: 151 Front Street West

Toronto is the largest metro market and central interconnection hub in Canada. In addition to carrier density, Toronto is a centre for financial services and a natural network point for cloud/hosting and large enterprise networks. Cologix operates seven discrete data centres at 151 Front Street, Canada's largest and most important carrier hotel. The facilities at 151 Front Street in downtown Toronto maintain unsurpassed levels of security, reliability and connectivity.

The Most Connected Building in Canada

Cologix is your network neutral partner, providing more than 200 local customers with buying power and direct interconnection with 150+ unique networks in the on-site Meet-Me-Room (MMR), in addition to connectivity with the building's MMR and the Toronto Internet Exchange (TorIX).

Relentless & Scalable Infrastructure

Cologix Toronto matches customers' redundancy needs, with highly reliable power solutions including 2N uninterruptible power systems (UPSs) and backup generators. The site also utilizes redundant, on-site chillers alongside the energy-efficient Enwave Deep Lake Water Cooling system, which uses cold water from Lake Ontario to cool the building. The technology-forward hot aisle containment system with in-row cooling also provides rapid power installs as well as flexibility on power densities.

Certified & Secure

The Cologix data centre is manned 24/7 by security guards and also protected via dual interlocking doors, tailgate-proof mantrap, keycard access, biometric, and closed-circuit TV (CCTV) systems. Additionally, Cologix offers support to gain PCI compliance on an individual basis.

Dynamic Customer Support

All customers have direct and 24/7 access to seasoned local engineers and support teams, in addition to a web-based portal for online technical support ticket submissions. Local Cologix technicians also leverage the Cologix Command data centre infrastructure management (DCIM) platform to continually monitor service to ensure business continuity, alerting customers with options when nearing capacity.

Why Cologix Toronto?

Customers prefer Cologix Toronto because of the facility's network reach as the most connected building in all of Canada, offering almost all providers available in the region. Additionally, clients find the data centre's reliability, upgrades and redundancies are augmented by the ease of doing business with Cologix.

Tour the Data Centre:

151 Front Street West
Toronto, Ontario M5J 2Z1

To schedule, contact:

Sales@cologix.com or

+1.855.497.2537



Quick Facts:

- Network neutral access to 150+ unique carriers
- Up to 15 kW/cabinet
- Connectivity with Cologix's 905 King West data centre (TOR 2) via a low latency, high-count, diverse fibre ring
- Home to the Toronto Internet Exchange (TorIX)
- Multiple deployment options ranging from carriers to enterprise: standard connections, cabinets, cages, and private pods & suites
- Redundant configurations including 2N (UPS & backup generator)
- Concurrent maintainability
- Forward-looking technology

24 Network Neutral Data Centres Throughout North America

Columbus - Dallas - Jacksonville - Lakeland - Minneapolis - Montreal - New Jersey - Toronto - Vancouver

SITE SPECIFICATIONS:

TOR 1: 151 Front Street West

Site Information

Toronto 1 Space:	25,000 gross SQF
Total Toronto Space:	45,000 SQF
Space Configurations:	Cabinets, private pods, cages & private suites
Pod Configurations:	APC hot aisle containment pods (premium dedicated pod options for 10+ cabinets)
Floor Type:	14" anti-static raised floor
Freight Elevator:	(1) service elevator: 3,000 lbs
Roof Rights:	On request

Site Structure

Year Built:	1954
Renovated:	Ongoing
Number of Floors:	8 floors
Structure Type:	Concrete & steel
Exterior Type:	Brick
Seismic Rating:	UBC Seismic Zone O
In Flood Plain:	No
Ceiling Clearance:	12' 9" height

Security

Closed-Circuit TV:	Yes
Customized Security:	Yes, for dedicated pods, cages & suites
On-site Guards:	Yes, 24/7
Access:	HID access card
Man Traps:	Yes, dual interlocking doors in building lobby

Fire Protection

Fire Protection:	FM-200
Fire Suppression:	Multi-zone
Remotely Monitored:	Yes

Environmental Controls

Cooling System:	Dynamic in-row cooling (N+1) with APC hot aisle containment pods
Cooling Capacity:	3,000 tons
Cooling Type:	Enwave Deep Lake Water Cooling system
Redundant:	Backup chillers (Enwave & on-site)
Humidification:	Steam
Remotely Monitored:	Yes

Connectivity

Meet-Me-Room (MMR):	Yes, MMR within Cologix facility with direct access to building's MMR & TorIX
Number of Networks:	150+ unique networks
Network Neutral:	Yes
Fibre Entrance:	Diverse building fibre entrance & riser facilities
Fibre Cross Connects:	Yes, in suite & to other tenants with access to 905 King Street MMR
Copper Cross Connects:	Yes, in suite
Communications:	2 diverse communication risers

Power

Uninterruptible Power Supply (UPS):	Powerware 9390, APC Symetra PX N & 2N
Load Design:	150 watts per SQF (higher density configurations available in excess of 8 kW/cabinet)
Configurations:	N (single UPS & single generator) or 2N (redundant UPS & generator)
Entrances:	Diverse power entrance facilities
Automatic Transfer Switch (ATS):	Yes, diverse
Battery Type:	Valve-regulated lead-acid battery (VRLA)
Battery Monitoring:	Yes, Canara
Backup Generators:	Yes, multiple generators
Fuel Run-Time:	Diesel, minimum 24-hours at full load
Remotely Monitored:	Yes, Cologix Command

Site Utility

Electric:	13.8 kV
Utility Provider:	Toronto Hydro
Redundant Power Feeds:	Primary & standby redundant feeders
Power from Substation:	12 MW
Water:	Chilled water loop connected to building-owned Enwave deep lake water cooling system
Service to Site:	14" main
Nominal Pressure:	85 psi

Customer Support

Remote Hands:	Yes, 24/7
Support:	+1.855.4IX.HELP (+1.855.449.4357), option 3, or Support@Cologix.com
Sales:	+1.855.497.2537, or Sales@Cologix.com