TOR 2 - 905 King Street W. Downtown Toronto Data Centre: Standalone or Natural Extension to 151 Front St.

Now Offering Direct Connectivity to Microsoft Azure ExpressRoute & Softlayer

The 905 King Street facility is a state-of-the-art data centre built using standards for concurrent maintainability for space, power, mechanical systems and security. The data centre can be utilized as a stand-alone, diverse bypass facility to the 151 Front Street data centre, or can be leveraged as a natural extension with the diverse fibre ring connecting the two facilities. By linking the two downtown data centres, Cologix customers have the benefits of both with unsurpassed levels of security, reliability and connectivity. **Cologix now offers direct connectivity to Microsoft Azure ExpressRoute & Softlayer from our Toronto data centres.**

The Top Connectivity Provider in Canada
Through direct access to the Meet-Me-Room (MMR) at 151 Front Street West, 905 King Street has access to 150 unique networks via a low latency, diverse path. The 905 King Street data centre offers diverse building fibre entrances and riser facilities, as well as interconnectivity with local Cologix clients and other building tenants.

Technology Forward
Cologix designed the state-of-the-art data centre with full optimization of the base building chilled water cooling, utility power and emergency generator power systems to ensure a reliable and redundant setup. The multiple backup generators enable power redundancy configurations that meet customer-specific needs, with separate generators supporting the cooling infrastructure. The uniquely efficient N+1 design features technology-forward solutions including hot aisle containment systems with in-row cooling and modular power distribution systems to provide rapid power installs and flexibility on power densities within pods.

Certified & Secure
The 905 King Street building lobby is manned by security guards, in addition to dual interlocking doors, a tailgate-proof mantrap, keycard access, biometric, and closed-circuit TV (CCTV) systems protecting the data centre. The data centre has the following attestation reports: SOC 1, SOC 2, HIPAA and are PCI compliant.

Dynamic Customer Support
As a differentiated local service model, 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. Cologix technical support staff also leverage the Cologix Command data centre infrastructure management (DCIM) system.

Why Cologix Toronto?
Customers prefer Cologix Toronto because of the prime downtown locations, as well as the network reach, offering almost all providers available in the region. Clients also find the data centre's reliability, upgrades and redundancies are augmented by the ease of doing business with Cologix.

Quick Facts:
- Network neutral access to 10+ unique carriers on-site plus 150 networks at 151 Front Street West via diverse fibre ring
- Offers the connectivity benefits of 151 Front Street with additional ability to access network routes on-site that bypass 151 Front Street to long-haul networks
- Built using standards for concurrent maintainability of power & mechanical systems
- Power redundancy configurations ranging from UPS + backup generator & A+B UPS + generator back up, to full 2N architecture
- SOC 1 (SSAE18/ISAE3402), SOC 2, HIPAA, PCI DSS
- Customer tech workspace, conference room & lounge area

Site Information

Toronto 2 Space:	20,000 SQF
Total Toronto Space:	45,000 SQF
Space Configurations:	Custom cabinets & cages including deep 42U cabinets (78" H x 24" W x 48" D)
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, 1,810 lbs

Site Structure

Year Built:	1985
Renovated:	Ongoing
Number of Floors:	7 floors
Structure Type:	Concrete & steel
Exterior Type:	Concrete
Seismic Rating:	UBC Seismic Zone O
In Flood Plain:	No
Ceiling Clearance:	13' 11"

Security

Compliance Audits:	SOC 1 (SSAE18/ISAE3402), SOC 2, HIPAA, PCI DSS
Closed-Circuit TV:	Yes
Customized Security:	Yes, for dedicated pods or cages
On-site Guards:	Yes, 24/7 in lobby
Access:	Biometric & S2 keycard access
Man Traps:	Yes, 2x dual interlocking doors & tailgate-proof mantrap

Fire Protection

Fire Protection:	Cross-zoned VESDA
Fire Suppression:	Dual interlocked pre-action
Remotely Monitored:	Yes

Environmental Controls

Cooling System:	Chilled water
Cooling Type:	APC in-row cooling solutions paired with hot aisle containment systems
Redundant:	N+1 high performance chillers / N+1 cooling tower
Humidification:	Centralized ultrasonic
Remotely Monitored:	Yes

Connectivity

Meet-Me-Room (MMR):	Yes, MMR within Cologix facility with direct access to building's MMR
Number of Networks:	10+ unique network provider PoPs on site, with access to 150+ unique carriers via diverse path to 151 Front St. Direct Connectivity to Microsoft Azure ExpressRoute & Softlayer Cloud.
Network Neutral:	Yes
Fibre Entrance:	Diverse building fibre entrance & riser facilities
Fibre Cross Connects:	Yes, in suite & to other tenants with access to 151 Front Street MMR
Copper Cross Connects:	Yes, in suite
Latency to 151 Front Street West:	0.016 millisecond network latency
Metro Connect:	Passive waves & lit connections to 151 Front Street West
Communications:	2 diverse communication risers

Power

Uninterruptible Power Supply (UPS):	Power efficient APC UPSs (N+1)
Load Design:	150 watts per SQF (higher density configurations available in excess of 8 kW/cabinet)
Configurations:	Customizable power configurations up to 2N UPS & generator
Automatic Transfer Switch (ATS):	Yes, diverse
Battery Type:	Valve-regulated lead-acid battery (VRLA)
Battery Redundancy:	Minimum N+1
Battery Monitoring:	Canara battery monitoring
Backup Generators:	Yes, multiple generators
Fuel Run-Time:	Diesel, minimum 24-hours at full load
Remotely Monitored:	Yes

Site Utility

Electric:	13.8 kV primary & standby redundant feeders
Utility Provider:	Toronto Hydro
Redundant Power Feeds:	Yes, A+B
Power from Substation:	4 MVA x 2 feeders
Water:	Chilled water loop connected to building-owned chillers

Customer Support

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

cologix