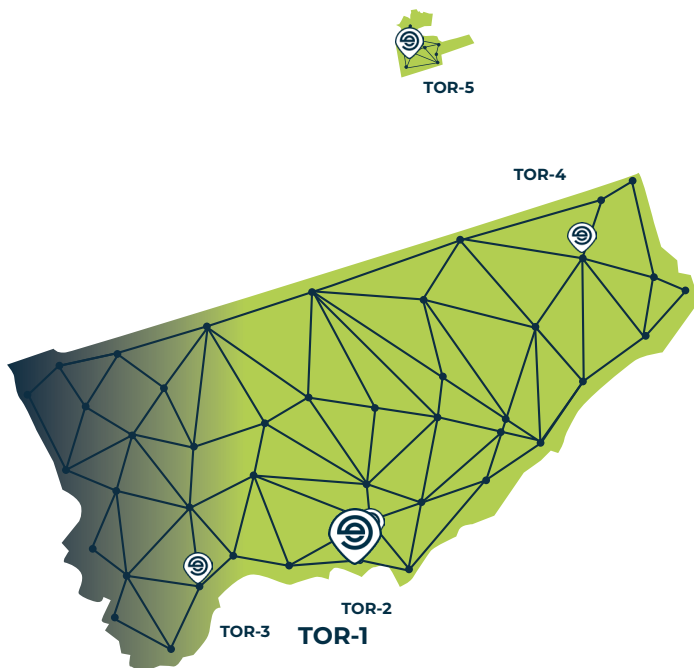# eStruxture | TOR-1 Data Center

Centrally located in 151 Front St. West, our **TOR-1 Data Center** is situated in Canada's premiere telecommunications hub and carrier hotel. Our **TOR-1 Data Center** offers advanced colocation benefits that include high levels of security, reliability, and connectivity. Additionally, with two diverse incoming underground power feeds, backup diesel generators, our **TOR-1 Data Center** affords total peace-of-mind service.

TOR-5
TOR-4
TOR-3 TOR-2 **TOR-1**

KEY FACTS

ADDRESS

151 Front Street West, Suite 402
Toronto, ON, M5J 2N1
Lat: 43.644770 | Long: -79.383950

SITE OVERVIEW

– 17,000 sq. ft.

BUILDING DETAILS

– 24/7/365 surveillance and monitoring
– Multi-tenant 8 floors Toronto "telecom hotel" located in downtown core

POWER AND INFRASTRUCTURE

– 4 data halls, 1MW total power capacity
– Generator power backup
– Connected to energy-efficient chilled water loop, utilizing heat exchangers and lake water

CONNECTIVITY

– Access to 150+ unique carriers
– Carrier-neutral, diverse facility entrances
– Multiple discrete communication paths and cross-connect points provided inside data center to customer cabinets
– Directly connect to all major clouds including AWS, Google Cloud, Azure and Oracle Cloud

TOR-1 offers access to TORIX (Toronto Internet Exchange) and is near the core of downtown Toronto's financial district. This facility is a natural colocation choice if you're looking for convenient access and an elite presence in the downtown Toronto area.

**| Prime Downtown Toronto Location |
| Access to 150+ Carriers | 4 Data Halls Available |**

TOR-1 DATA CENTER SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS

SPACE	17,000 sq. ft. of total space 13,000 sq. ft. of mechanical space
SPACE CONFIGURATION	4 data halls
YEAR BUILT	First Data Hall built in 2003
NUMBER OF FLOORS	8 floors, multi-tenants building 4 data halls on 3 different floors
FLOOR LOAD	Live load on slab is 100 lbs. / sq. ft.
CEILING CLEARANCE	11' 7" to 16' 0"
FLOODPLAIN	Outside 100 year floodplain Outside 500 year floodplain
LOADING DOCK	Common loading bay at rear of building Freight elevator
RECEIVING AREA	No

POWER

SERVICE	Served by dual utility feeds to building with single path electrical distribution to data hall
POWER PROVIDER	Toronto Hydro
ENTRANCES	Dual feeds to building
DENSITY DESIGN	Up to 5kW per cabinet
UPS	N and N+1
BACKUP GENERATORS	N
FUEL RUN-TIME	72 Hours

FIRE PROTECTION

DETECTION SYSTEM(S)	Photoelectric sensors
FIRE SUPPRESSION SYSTEM(S)	Double interlocked pre-action dry pipe fire suppression system

SECURITY

PERIMETER	24/7/365 building security guards Security vestibule
VIDEO	Advanced video surveillance, minimum 90 days of video retention
ON-SITE STAFFING	8am to 5pm M-F, with on-call service after-hours and on weekends
ACCESS	24/7 access for registered customers. Card access with secondary biometric authentication, multiple zone security access
MANTRAPS	Yes

CONNECTIVITY

MEET-ME-ROOM	3 Meet-Me-Rooms
CONNECTIVITY	Network neutral with access to many carriers via building MMRs, some with fiber redundancy Connection to TORIX, Google, AWS and Azure Fibers' path diversity and entrance redundancy available
IP SERVICES	Blended IP Bandwidth
FIBER CROSS CONNECTS	Yes
COPPER CROSS CONNECTS	Yes

ENVIRONMENTAL CONTROLS

COOLING DISTRIBUTION	Deep lake water heat rejection system Additional chilled water systems and glycol loop Mechanical system redundancy Hot aisle / Cold aisle setup
COOLING CAPACITY	Total 527 RT
REDUNDANCY	N and N+1
DESIGN	Highly energy efficient cooling system

CERTIFICATIONS / COMPLIANCES

SOC 1 Type II, SOC 2 Type II , ISO 27001, PCI DSS Certification v3.2.1

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