

## DATA CENTRE SPECIFICATIONS:

151 FRONT ST. W., TORONTO

### SITE INFORMATION

**Colocation Space:** 2,000 sq. ft. (272,000 sq. ft. total)  
**Building Structure:** Reinforced steel and concrete floors and gridiron network of structural steel on lower and upper roofs  
**Building Information:** Built in 1954 to house telegraph equipment, 151 Front is Canada's original Telecommunications hub and home of the Toronto Internet Exchange (Torix)  
**Space Configuration:** Quarter, full and half cabinets in custom designed racks for better air flow

### POWER & BACKUP

**UPS:** Liebert UPS (225 kVA /480 V Rating)  
**Redundancy:** Backup generator  
**Load Design:** 150 W/square foot (higher density configurations available)  
**Remote Monitoring:** Yes

### CLIMATE CONTROL

**Cooling System Design:** ENWAVE chilled water, Air Conditioning with N + 1 power, hot aisle containment, custom cabinets with built-in fans to draw heat into aisles  
**Cooling System Capacity:** Four 25-tonne units

### FIRE SUPPRESSION

**Fire Suppression:** FM 200 Fire Suppression System with discharge vaporized as gas  
**Fire Protection:** Monitored fire detection system with heat, smoke and chemical detection sensors

### SITE UTILITIES

**Electric:** 13.8 KV Primary and Stand-by redundant feeds (total of two feeds)  
**Source:** Toronto Hydro  
**Generators:** 25 diesel generators offering combined power of 23,165 kVA and four fuel storage facilities  
**Cooling:** ENWAVE deep lake chilled water system

### CONNECTIVITY

**Network Design:**

- Diverse and redundant pathways connecting to MMR1 and MMR2
- Fully redundant MPLS network with QoS enabled, low latency router and switching architecture
- Multi-homed Network, with extensive Peering and Tier I Transit providers

**Network Neutral:** Yes  
**Fibre Entrance:** 25 diverse fibre optic Points of Entrance  
**In-Suite Cross Connects:** Fibre or Copper  
**MMR Access:** yes- presence in two MMRs

### SECURITY

**CCTV:** 16 cameras, monitored 24/7/365 (in every aisle)  
**Cabinets:** Individually locked (combination)  
**Onsite Guards:** 24/7/365  
**Card Access:** HID access card  
**Other:** Mantraps, Infrared video surveillance and motion detectors throughout

### CUSTOMER SUPPORT

**Remote Hands:** Yes – 24/7/365  
**Contact:** 1-866-814-1635