

## DATA CENTER SPECIFICATIONS 440 WATERLOO

# Managed Data Center Services

H m

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#### **POWER & COOLING**

- 20 MW N+1 Main Power
- N+2 UPS
- 4 x 750 kVA Diesel Generator
- N+1 Redundant Cooling
- Dual Main Power from separate sub-stations
- Multi 10 GB networking



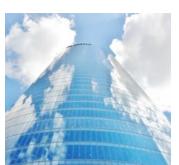
#### SECURITY

- · 24/7/365 Manned Security
- 8 Security Checkpoints
- HID Door Control (33 doors)
- Video Monitoring
- External camera coverage
- Multi Door Mantrap



#### SPACE

- Rack Space
- Raised Flooring
- Cages & Private Suites\*
- Dedicated Server Hosting
- Public Cloud
- Co-Working Space
- Dedicated Office Space



#### MANAGED SERVICES

- Hybrid Hosted Cloud
- Virtual File Servers & Application Servers
- Virtual Desktop (Standard & 3D enabled)
- Fully Managed Network
- Fiber internet and P2P Access Available
- Managed Backup

N+1 MAIN POWER DUAL SUPPLY FROM UTILITY FED FROM TWO SEPARATE SUB-STATIONS

24/7

MANNED SECURITY & VIDEO MONITORING

>20k sf

> 200 CABINET CAPACITY

### 440 WATERLOO DATACENTER Site Specifications

#### Security & Flre

OnSite	24/7 Manned Security
Monitored Camera	All co-location space video monitored
ManTrap	Multi-door mantrap
Access	HID access card
Fire Suppression	Multi-Zone
Remotely monitored	Yes

#### **Building Specs**

Year Built	1981
Renovated	2007 (Structural) 2018 (Data Centre)
Floors	1 + Mezzanine
Structure	Steel
Exterior	EIFS (concrete Exterior Insulated Finish System)
Flood Plain	No
Ceiling	16 ft

#### Data Center (DC) Space

DC Space	>20,000 sf
Total Space	30,000 sf includes co-working space
Spaces	Cabinets, Private Suites, Cages*
Floor	14" Anti-Static Raised Floor

#### Power

UPS	2 x APC 500 kW PowerWare 9315
Load Design	Up to 8 kW per cabinet
Configurations	n+2 redundant Utility + UPS + Diesel Generator
Entrances	Diverse power entrance facilities
Automatic Transfer Switch	Yes
Battery Type	Valve-regulated lead-acid battery
Battery Monitoring	Yes
Backup Generators	4 x 750 kVA Diesel Generators on-site
Fuel Run-Time	48 hr full load

#### Site Utility

Electric	>20,000 sf
Utility Provider	Waterloo North Hydro
Redundant Feeds	Primary + standby redundant feeders
Power from Substation	

#### **Customer Support**

Remote Hands	Yes, 24/7/365
Support	support@datacity.ca
Sales	sales@datacity.ca





