



DATA CENTER SPECIFICATIONS



100,000 sf Tier III DataCenter
20 MW N+1 Power
N+2 UPS Electrical Distribution
4 750 kVA Diesel Generators
N+1 Redundant Cooling
Dual Power Feeds from Separate Stations
Multi - 100G Networking



Raised Flooring
Dedicated Server Hosting
Co-Working Office Space
Dedicated Office Space
Private DataCenter Rooms



24/7 Manned Security
8 Security Checkpoints
HID Door Control (33 Doors)
DataCenter Video Monitoring
External Camera Coverage
Multi Door Mantrap

SERVICES

Rack Space
Dedicated Servers
Cloud Servers
Private Cloud

Internet Access
SD-WAN
Managed Services

SECURITY & FIRE

OnSite 24/7	Manned Security
Monitored Camera	All co-location space video monitored
Multi-door 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 Center)
Floors	1 + Mezzanine
Structure	Steel
Exterior	EIFS (Concrete Exterior Insulated Finish System)
Flood Plain	No
Ceiling	16 ft

DATA CENTER (DC) SPACE

DC Space	> 80,000 sf
Total Space	100,000 sf Includes co-working space
Spaces	Cabinets, Private Suites, Cages*
Floor	14" Anti-Static Raised Floor

POWER

UPS	2 x APC 500 kW 2 x APC 750 kW
Load Design	Up to 16 kW per cabinet
Configuration	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	> 20MW n+1
Utility Provider	Waterloo North Hydro
Redundant Feeds	Primary + Standby Redundant Feeders
Power from Substation	2x 20MW

CUSTOMER SUPPORT

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