

# DATA CENTER SPECIFICATIONS



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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

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

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

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## SERVICES

Rack Space	Internet Access
Dedicated Servers	SD-WAN
Cloud Servers	Managed Services
Private Cloud	

**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