

DATA CENTER SPECIFICATIONS



100,000 sf Tier III DataCenter Space
Up to 60MW N+1 Power
N+1 UPS Electrical Distribution
N+1 Diesel Generators
N+1 Redundant Air and Liquid Cooling
Multi Power Feeds from Utility
Multi - 100G Networking



Raised Flooring
NVIDIA Server Hosting
AI Focused - 45KW Racks
Co-Working Office Space
Dedicated Office Space



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

SERVICES

45KW Racks
NVIDIA Servers
Ai Cloud Platform

Private Ai Pods
Internet Access
Technical 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	2005
Renovated	2006 (Data Center) 2023 (Renovated)
Floors	4
Structure	Steel
Exterior	EIFS (Concrete Exterior Insulated Finish System)
Flood Plain	No
Ceiling	16 ft

DATA CENTER (DC) SPACE

DC Space	up to 100,000 sf
Total Space	200,000 sf Includes co-working space
Spaces	Cabinets, Private Suites, Cages*
Floor	24" Anti-Static Raised Floor

POWER

UPS	N+1 Renduancy Maintenance Bypass
Load Design	Up to 50 kW per cabinet
Configuration	n+1 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	N+1 Diesel Generator Pods
Fuel Run-Time	48 hr full load

SITE UTILITY

Electric	Up to 60MW)
Utility Provider	Waterloo North Hydro
Redundant Feeds	Yes Active / Active
Power from Substation	North Waterloo

CUSTOMER SUPPORT

Remote Hands	Yes, 24/7/365
Support	support@ColumbiaDataVault.com
Sales	sales@ColumbiaDataVault.com