

eStructure

DATA CENTERS

eStructure | VAN-2 Data Center

Our VAN-2 Data Center is centrally located within the heart of Vancouver and provides total flexibility to meet your precise requirements, while allowing you to maintain full control. The facility is carrier-neutral, offering access to a large variety of unique carriers. And as your business grows and IT becomes more complex, you'll find plenty of additional space, power, and bandwidth to accommodate advanced applications and sophisticated hybrid infrastructure.



KEY FACTS

ADDRESS

555 West Hastings Street, Suite 1000
Vancouver, BC V6B 4N6
Lat: 49.284680 | Long: -123.111890

SITE OVERVIEW

14,500 sq. ft.

LAND

Leased



BUILDING DETAILS

- 4 halls and 2.14MW total power
- Supports up to 10 kW/cabinet power loads and more
- 24/7/365 video surveillance and security guard on site
- Shared and dedicated suites available
- Freight elevator, loading bays, on-site pay parking
- DR and storage spaces available



POWER AND INFRASTRUCTURE

- 2.14MW facility
- Tier I design N+1 UPS solution, 2N available upon request



CONNECTIVITY

- Cloud and Carrier Neutral
- access to 24 carriers
- easy direct connections to IX onsite (Vanix and BCNet)
- Directly connect to all major clouds including AWS, Azure, Google Cloud and Oracle Cloud

For ultimate reliability and peace-of-mind, **VAN-2** features backup power with UPS and diesel generators, advanced climate control, a pre-action dry pipe sprinkler system with clean agent fire extinguishers, CCTV video monitoring, security card access, and onsite security teams.

Scalable Space | Carrier Neutral | Centrally Located Near All Transportation Options



VAN-2 DC SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS		SECURITY	
SPACE	- 14,500 sq. ft. of total space - 11,000 sq.ft. of white space	PERIMETER	- 24/7/365 Building Security Guards
SPACE CONFIGURATION	4 halls and 2.14MW total power	VIDEO	Advanced video surveillance, minimum 90 days of video retention
YEAR BUILT	Building 1977; DC last renovated 2018/2021	ON-SITE STAFFING	24/7/365
NUMBER OF FLOORS	28-floors multi-tenants building; 4 DHs on 2 different floors	ACCESS	Centralized card access control system with dual factor biometric authentication 24x7 unescorted customer access
FLOOR LOAD	260 lbs/sq.ft	MANTRAPS	Yes
CEILING CLEARANCE	10' 2" to 11' 8"	CONNECTIVITY	
FLOOD PLAIN	- Outside 100 year floodplain - Outside 500 year floodplain	MEET ME ROOM	One Meet-Me-Room
LOADING DOCK	Ground level loading dock	CONNECTIVITY	- Network neutral with access to 24 carriers; access to IX: VANIX and BCNet within our DC. - Dedicated network connection to Cloud Exchanges - Fibers' path diversity and entrance redundancy available
RECEIVING AREA	Yes	IP SERVICES	Blended IP bandwidth
ALIMENTATION		FIBER CROSS CONNECTS	Yes
SERVICE	Served by dual utility feeds to building with single path electrical distribution to data hall	COPPER CROSS CONNECTS	Yes
POWER PROVIDER	Toronto Hydro	ENVIRONMENTAL CONTROLS	
ENTRANCES	Dual feeds to building	COOLING DISTRIBUTION	- Closed glycol loop, dry coolers on roof - Compress/cooling tower chilled loop system
DENSITY DESIGN	Up to 5kW per cabinet	COOLING CAPACITY	Total 459 RT Varies based on densities. Hall level and individual cabinet level cooling solutions available
UPS	N in three DHs N+1 available in one DH	REDUNDANCY	N+1
BACKUP GENERATORS	N	DESIGN	State-of-the-art climate control systems
FUEL RUN-TIME	74 Hours		
FIRE PROTECTION		CERTIFICATIONS/COMPLIANCES	
PROTECTION SYSTEM(S)	Simplex Photoelectric smoke/heat detectors	SOC 1 Type II, SOC 2 Type I (security principle), ISO 27001	
FIRE SUPPRESSION	Double Interlock Pre-Action Dry Pipe		

