



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. Our VAN-2 Data Center facility is carrier-neutral, offering access to many unique carriers. As your business grows and IT becomes more complex, you'll find plenty of additional space, power, and bandwidth to accommodate your advanced applications and sophisticated hybrid infrastructure.



KEY FACTS

ADDRESS

555 West Hastings Street, Suite 2605
Vancouver, BC V6B 4N6
Lat: 49.284680 | Long: -123.111890

SITE OVERVIEW

- 14,500 SQ. FT.



BUILDING DETAILS

- 4 Data Halls
- Up to 10 kW / cabinet
- 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

- 2.14 MW total power capacity
- 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 on-site (Vanix and BCNet)
- Directly connect to all major clouds including AWS, Google Cloud, Azure 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 on-site security teams.

| Scalable Space | Carrier Neutral |
| Located Near All Major Transportation Hubs |



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	Four Data Halls	VIDEO	Advanced video surveillance, minimum 90 days of video retention
YEAR BUILT	First data hall built in 2000	ON-SITE STAFFING	8am to 5pm M-F, with on-call service after-hours and on weekends
NUMBER OF FLOORS	- 28 Floor multi-tenant building - 4 Data Halls on 2 different floors	ACCESS	- Centralized card access control system with dual factor biometric authentication - 24x7 unescorted customer access
FLOOR LOAD	Varies by Data Hall (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 Data Center - Dedicated network connection to Cloud Exchanges - Fibers' path diversity and entrance redundancy available
RECEIVING AREA	Yes	IP SERVICES	Blended IP Bandwidth
POWER		FIBER CROSS CONNECTS	Yes
SERVICE	Served by three utility feeds to building with single path electrical distribution to the data halls	COPPER CROSS CONNECTS	Yes
POWER PROVIDER	BC Hydro	ENVIRONMENTAL CONTROLS	
ENTRANCES	Three utility feeds to building	COOLING DISTRIBUTION	- Closed glycol loop chilled water
DENSITY DESIGN	Up to 10 kW per cabinet	COOLING CAPACITY	- Total 422 RT - Varies based on densities. Hall level and individual cabinet level cooling solutions available
UPS	N and N+1	REDUNDANCY	N+1
BACKUP GENERATORS	N	DESIGN	State-of-the-art climate control systems
FUEL RUN-TIME	48 Hours		
FIRE PROTECTION		CERTIFICATIONS / COMPLIANCES	
DETECTION SYSTEM(S)	Simplex Photoelectric smoke / heat detectors	- SOC 2 Type II (Q4-2021; October 2021) - ISO 27001 (Q1-2022 - Certification in progress) - PCI DSS Certification v3.2.1(Q4-2021; October 2021)	
FIRE SUPPRESSION SYSTEM(S)	Double interlock pre-action dry pipe		

