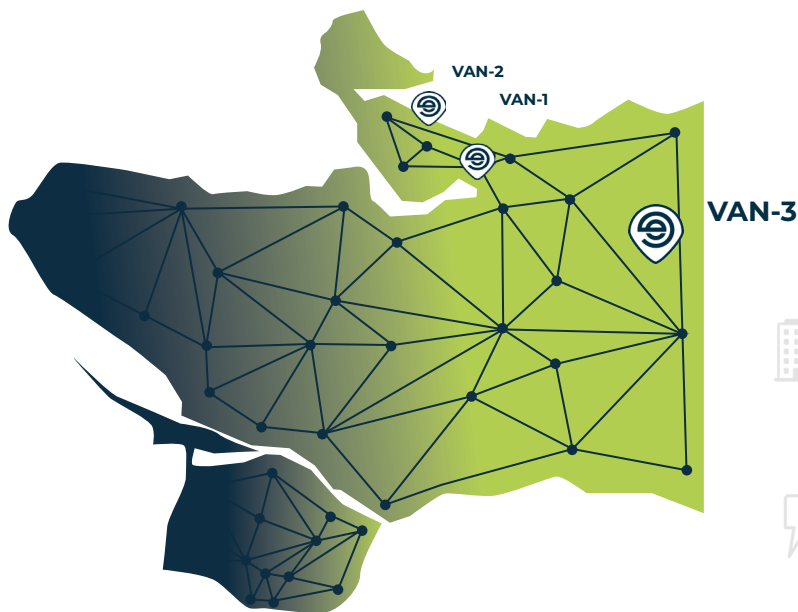


eStructure

D A T A C E N T E R S

eStructure | VAN-3 Data Center

eStructure's **VAN-3** data center is set within a 55,000 sq. ft. facility located next to stable, plentiful power, and existing, dense fiber optic infrastructure. **VAN-3** offers ample space and power capacity, and enhances redundancy and reach for eStructure customers thanks to a dedicated fiber ring between our **VAN-3** and our **VAN-2** facility, located at 555 Hastings, Vancouver's primary carrier hotel.



KEY FACTS

ADDRESS

4590 Canada Way
Burnaby, BC V5G 1J6

Lat: 49.254484 | Long: 122.997240

SITE OVERVIEW

- Building: 55,000 sq. ft.
- Land: 83,000 sq. ft.



BUILDING DETAILS

- 24/7/365 video surveillance and monitoring
- Shared and dedicated suites available
- Customer office, DR, and storage spaces available



POWER AND INFRASTRUCTURE

- 2 halls, up to 30kW/cabinet, 13MW facility
- N+1 and A+B+C UPS architecture



CONNECTIVITY

- Cloud and carrier neutral
- Connectivity to all major carriers and to VANIX
- Diverse dark fiber ring to downtown Vancouver carrier hotel

Our **VAN-3** data center boasts over 55,000 sq. ft. of space and 10MW of power. The facility is strategically located in close proximity to the British Columbia Institute of Technology (BCIT) and the Trans-Canada Highway.

STRATEGIC LOCATION | HIGH-DENSITY POWER
CONNECTIVITY TO ALL MAJOR CARRIERS
VAN-2 AND VAN-3 FACILITIES INTERCONNECTED

VAN-3 DATA CENTER SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS		SECURITY	
SPACE	55,000 sq. ft. of total space 25,000 sq. ft. of cabinet space	PERIMETER	Perimeter secured by 10' fence
SPACE CONFIGURATION	2 data halls and 13MW total power	VIDEO	CCTV coverage across multiple cameras. All footage stored for minimum 90 days
YEAR BUILT	Original construction - 1974 Data Center build - 2023-2024	ON-SITE STAFFING	24 / 7 / 365
NUMBER OF FLOORS	Single story warehouse and two-story office space	ACCESS	24/7 access for registered customers. Card and biometric access control at mantraps. Additional cabinet,
FLOOR LOAD	Standard 2,500 lb/tile	MANTRAPS	Yes
CEILING CLEARANCE	26'	CONNECTIVITY	
FLOOD PLAIN	82' (25m) above sea level	MEET-ME-ROOM	Two Meet-Me-Room
LOADING DOCK	1 loading dock accommodating a 53 ft. trailer with standard height loading dock	CONNECTIVITY	Network neutral with access to all major carriers
RECEIVING AREA	200 sq. ft. secured space inside building cage	IP SERVICES	Managed bandwidth with eStructure managed AS number and IP range
POWER		FIBER CROSS CONNECTS	Yes
SERVICE	10MW 25KV utility service	COPPER CROSS CONNECTS	Yes
POWER PROVIDER	BC Hydro	ENVIRONMENTAL CONTROLS	
ENTRANCES	Single utility entrance	COOLING DISTRIBUTION	Hot aisle/cold aisle. Charged raised floor plenum
DENSITY DESIGN	Up to 30kW per cab available	COOLING CAPACITY	Varies based on densities. Hall level and individual cabinet level cooling solutions available.
UPS	N+1 and A+B+C UPS architecture	REDUNDANCY	N+1 mechanical redundancy
BACKUP GENERATORS	N+1 and A+B+C architecture on generators	DESIGN	Highly energy efficient cooling system
FUEL RUN-TIME	48 Hours		
FIRE PROTECTION		CERTIFICATIONS / COMPLIANCES	
DETECTION SYSTEM(S)	VESDA system	Planned: SOC 1 Type II, SOC 2 Type II, PCI DSS, ISO 27001	
FIRE SUPPRESSION SYSTEM(S)	Pre-action dry pipe zoned sprinkler system		

