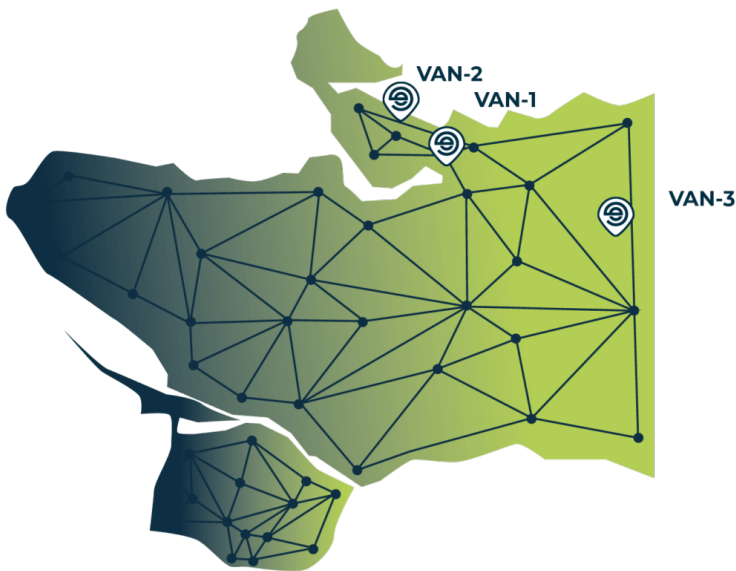


# eStructure

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 square foot 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  
Lat: 49.254484 | Long: 122.997240

#### SITE OVERVIEW

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



#### BUILDING DETAILS

- 2 halls and 10MW of power
- Up to 30kW/cabinet
- 24/7/365 video surveillance and monitoring
- Shared and dedicated suites available
- Customer office, DR, and storage spaces available



#### POWER AND INFRASTRUCTURE

- 10MW 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 square feet 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 DC SPECIFICATIONS

## BUILDING AND LAND SPECIFICATIONS

SPACE	55,000 sq. ft. of total space 25,000 sq. ft. of cabinet space
LAND SPACE	83,000 sq. ft.
SPACE CONFIGURATION	2 data halls and 10MW total power
YEAR BUILT	Original construction - 1974 Data Center build - 2023-2024
NUMBER OF FLOORS	Single story warehouse and two-story office space
FLOOR LOAD	Standard 2,500 lb/tile
CEILING CLEARANCE	26'
FLOOD PLAIN	82' (25m) above sea level
LOADING DOCK	1 loading dock accommodating a 53 ft. trailer with standard height loading dock
RECEIVING AREA	200 sq. ft. secured space inside building cage

## POWER

SERVICE	10MW 25KV utility service
POWER PROVIDER	BC Hydro
ENTRANCES	Single utility entrance
DENSITY DESIGN	Up to 30kW per cab available
UPS	N+1 and A+B+C UPS architecture
BACKUP GENERATORS	N+1 and A+B+C architecture on generators
FUEL RUN-TIME	48 hours at full load

## CONNECTIVITY

MEET ME ROOM	2 diverse Meet-Me-Rooms
CONNECTIVITY	Network neutral with access to all major carriers
IP SERVICES	Managed bandwidth with eStruxture managed AS number and IP range
FIBER & COPPER CROSS CONNECTS	Yes

## SECURITY

PERIMETER	Perimeter secured by 10' fence
VIDEO	CCTV coverage across multiple cameras. All footage stored for minimum 90 days.
ON-SITE STAFFING	24/7 on site security and support
ACCESS	24/7 access for registered customers. Card and biometric access control at mantraps. Additional cabinet, cage or data hall security available upon request.
MANTRAPS	Yes

## ENVIRONMENTAL CONTROLS

COOLING DISTRIBUTION	Hot aisle/cold aisle. Charged raised floor plenum.
COOLING CAPACITY	Varies based on densities. Hall level and individual cabinet level cooling solutions available. High-density cooling available.
REDUNDANCY	N+1 mechanical redundancy
DESIGN	Highly energy efficient cooling system

## FIRE PROTECTION

PROTECTION SYSTEM(S)	VESDA system
FIRE SUPPRESSION	Pre-action dry pipe zoned sprinkler system

## CERTIFICATIONS

CERTIFICATIONS	Planned: SOC 1 Type II, SOC 2 Type II, PCI DSS, ISO 27001
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