

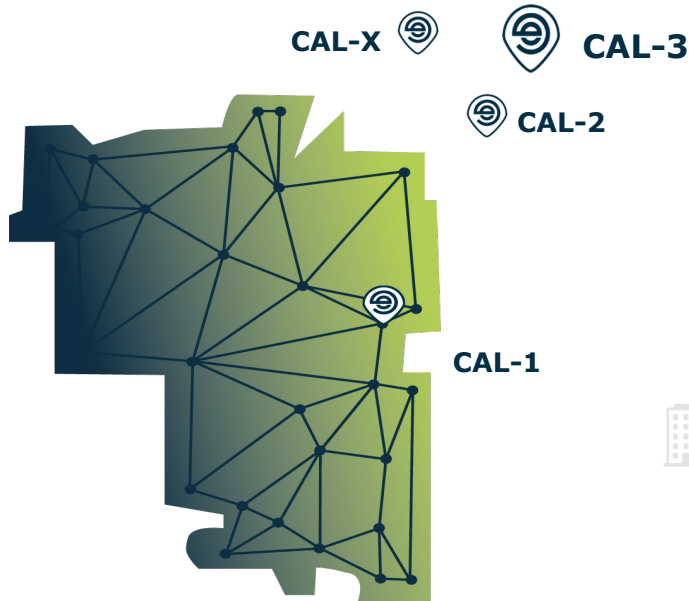
eStructure

DATA CENTERS

eStructure | CAL-3 Data Center

eStructure's **CAL-3** facility is scheduled to launch in the fall of 2026. As a Tier III-designed facility, it will feature 90MW of total power. Its cutting-edge infrastructure will be engineered to deliver top-tier colocation and network services, while accommodating the most high-density computing environments and scalability requirements.

More specifically, **CAL-3** is being built to support both large scale deployments and AI clusters as well as enterprise applications. Its Calgary location will allow customers to benefit from the abundant and reliable power that has become synonymous with the region. eStructure's **CAL-3** will be the ideal option for both Canadian and global companies seeking best-in-class data center services. **CAL-3** is located only 2km away from our CAL-X facility.



KEY FACTS

ADDRESS

Rocky View County, No 44, AB

Lat: 51.21083654630298 | Long: -113.91467685853051

SITE OVERVIEW

Multi Building Campus
Industrial Park Area

BUILDING DETAILS

- 24/7/365 video surveillance and monitoring
- Site completely secured by perimeter fencing, security monitored with controlled gates
- Shared and dedicated suites available
- Customer office, DR, and storage spaces available

POWER AND INFRASTRUCTURE

- Multiple customizable halls and 90MW of total power
- Supports 125 kW+/cabinet power loads
- Tier III, N+1 mechanical and N+1/2N electrical systems for concurrent maintainability

CONNECTIVITY

- Cloud and carrier neutral
- 35+ carriers

eStructure is the largest Canadian-owned and headquartered data center platform. We operate 15+ facilities in Montreal, Toronto, Calgary, and Vancouver, and offer one of the largest immediately available data center capacities in the country. This means you can easily grow and expand with us throughout Canada, as your business requirements evolve.

Located in Calgary, one of Canada's largest data center markets, our modern **CAL-3 data center**, offers the benefit of strong connectivity and low power cost.

SCALE AND FLEXIBILITY | 100% UPTIME GUARANTEED
CONCURRENTLY MAINTAINABLE | ENGINEERING EXCELLENCE
SECURITY AND COMPLIANCE

CAL-3 DATA CENTER SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS		SECURITY	
SPACE	Each data hall: ≈ 8,625 sq. ft. 2,724 sq.ft. mechanical space Land: 551,470 sq. ft.	PERIMETER	Data center perimeter and equipment yard secured by 10 foot tall fencing. Gates controlled by central security
SPACE CONFIGURATION	Multiple customizable data halls and 90MW total power, 60MW of critical power	VIDEO	CCTV coverage across multiple cameras. All footage stored for minimum 90 days.
YEAR BUILT	Data Center - 2026	ON-SITE STAFFING	24 / 7 / 365
NUMBER OF FLOORS	Two floors of office and infrastructure space	ACCESS	24/7 access for registered customers. Card and biometric access control at mantraps. Additional cabinet, cage or data hall security available upon request.
FLOOR LOAD	Slab capacity: Uniform load: 500 lbs/sq. ft. Point load: 5000 lbs Raised floor system: 750 lbs/sq.ft.	MANTRAPS	Yes
CEILING CLEARANCE	20+ feet	CONNECTIVITY	
FLOOD PLAIN	Outside 100-year floodplain	MEET-ME-ROOM	2 redundant Meet-Me-Rooms fed by diverse facility entrances
LOADING DOCK	24/7 access to loading dock with dock levellers. 20 feet high loading bay	CONNECTIVITY	Network/carrier neutral with access to 35+ carriers
RECEIVING AREA	Yes	IP SERVICES	Managed Bandwidth with eStructure multi-homed internet services
POWER		FIBER CROSS CONNECTS	Yes
SERVICE	Multiple 15MW lines for a total of 90MW+	COPPER CROSS CONNECTS	Yes
POWER PROVIDER	Fortis	ENVIRONMENTAL CONTROLS	
ENTRANCES	Multiple utility lines, serving dedicated lineups	COOLING DISTRIBUTION	Hot aisle/cold aisle containment
DENSITY DESIGN	Up to 125 kW+ per cabinet	COOLING CAPACITY	Air and direct to chip liquid cooling available. Varies based on densities. Hall level and individual cabinet level cooling solutions available.
UPS	Distributed redundant 2N topology	REDUNDANCY	N+1 mechanical redundancy
BACKUP GENERATORS	Distributed redundant 2N topology	DESIGN	A closed-loop, water-based cooling system utilizing both liquid and air cooling technologies to enhance thermal performance and achieve low PUE in data centers.
FUEL RUN-TIME	Minimum of 24 hours of on site fuel storage. Ability to add additional fuel capacity		
FIRE PROTECTION		CERTIFICATIONS / COMPLIANCES	
DETECTION SYSTEM(S)	VESDA system	Planned: SOC 1 Type II, SOC 2 Type II, PCI DSS, ISO 27001, UTI Tier III by Design	
FIRE SUPPRESSION SYSTEM(S)	2-stage dry pipe interlock system		

