



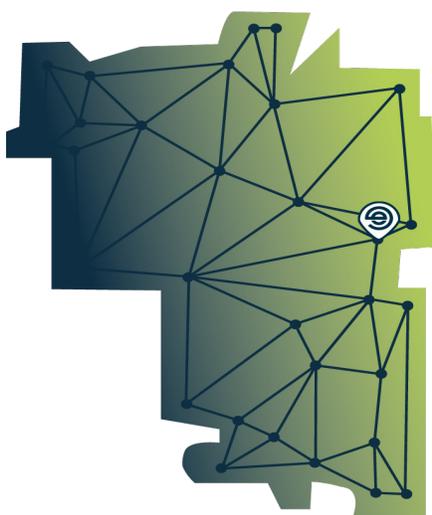
eStructure

DATA CENTERS

eStructure | CAL-2 Data Center

Our state-of-the-art **CAL-2 Data Center** is designed to Tier III standards and delivers both best in class availability and design flexibility to accommodate the high power densities of today's most intensive workloads. The facility is located in the High Plains Industrial Park in Balzac, only 15 km away from the Calgary Airport.

With fully diverse inter-site connectivity between our CAL-1 and CAL-2 facilities and 23 km distance between the sites, CAL-2 is ideally situated to support conventional fiber optics technologies and synchronous replication while also providing diverse power grid capability. Designed with energy efficiency and sustainability in mind, our CAL-2 facility perfectly combines security, scale, and power capacity. The building allows for a wide variety of data center options, from individual racks to dedicated halls with associated office, storage and DR space.



CAL-2

CAL-1

KEY FACTS

ADDRESS

149 High Plains Place,
Rocky View County, No 44, AB, T4A 0W7
Lat: 51.20151330816191 | Long: 113.93273314453539

SITE OVERVIEW

Building: 92,839 sq. ft. (7,322 m²)



BUILDING DETAILS

- 3 halls and 20MW total power
- Future expansion possibilities
- Supports 30kW/cabinet power loads
- 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

- 20MW facility with power expansion possible
- Tier III, N+1 mechanical and N+1/2N electrical systems for concurrent maintainability



CONNECTIVITY

- Cloud and Carrier Neutral
- 30+ carriers via direct fiber connectivity to CAL-1
- Connected by redundant and path-diverse fibre ring to eStructure's CAL-1 facility for even greater connectivity and diversity options

eStructure is the largest Canadian-owned and headquartered data center platform. We operate fifteen 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, Canada's fourth-largest data center market, our modern **CAL-2 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-2 DATA CENTER SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS

SPACE	92,839 sq. ft.
LAND SPACE	190,000 sq. ft.
SPACE CONFIGURATION	3 halls and 20MW total power
YEAR BUILT	Building - 2021 Data Center - 2022
NUMBER OF FLOORS	Single floor
FLOOR LOAD	Slab capacity 1,750 lbs/sq. ft. Raised floor load 750 lbs/sq.ft.
ROLLING LOAD	10 passes - 2,700 lbs/1,225 kg. Additional weight capacity attainable
CEILING CLEARANCE	Slab to deck 32' Raised floor to deck 28'
FLOOD PLAIN	Outside 100 year floodplain
LOADING DOCK	2 truck bays with level access to receiving area. Additional multi-truck covered receiving bays available upon request

CONNECTIVITY

MEET ME ROOM	2 redundant Meet-Me-Rooms fed by diverse facility entrances
CONNECTIVITY	Network/carrier neutral with access to 30+ carriers
IP SERVICES	Managed Bandwidth with eStructure multi-homed internet services
FIBER CROSS CONNECTS	Yes

ENVIRONMENTAL CONTROLS

COOLING DISTRIBUTION	Each data hall is serviced by mechanical corridors. Supply air is fed through a raised floor plenum. Custom solutions available upon request.
COOLING CAPACITY	Varies based on densities. Hall level and individual cabinet level cooling solutions available. High-density cooling available
REDUNDANCY	N+1 mechanical

CERTIFICATIONS/COMPLIANCES

CERTIFICATIONS	SOC 2, Type 2 (planned) ISO 27001 (planned) PCI DSS (planned) Canadian Federal Government Facility Clearance (planned)
----------------	---------------------------------------------------------------------------------------------------------------------------------

POWER

SERVICE	Single feed high voltage utility
POWER PROVIDER	Fortis
ENTRANCES	Power feed from a single substation
DENSITY DESIGN	Up to 30kW per cab available standard, higher densities available upon request.
UPS	2N/N+1 UPS architecture
BACKUP GENERATORS	2N configuration
FUEL RUN-TIME	Minimum of 24 hours of on site fuel storage at full load with diverse fueling contractor arrangements. Ability to increase the 24-hour fuel storage option

SECURITY

PERIMETER	Data center perimeter and equipment yard secured by fencing. Gates controlled by central security.
VIDEO	CCTV coverage across exterior, entrances and interior. All footage recorded and 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.
MAN TRAPS	Yes

FIRE PROTECTION

PROTECTION SYSTEM(S)	Multi-zone VESDA system.
FIRE SUPPRESSION	Pre-action dry pipe zoned sprinkler system.
FIRE DETECTION	Fully addressable fire detection system installed throughout the facility.

