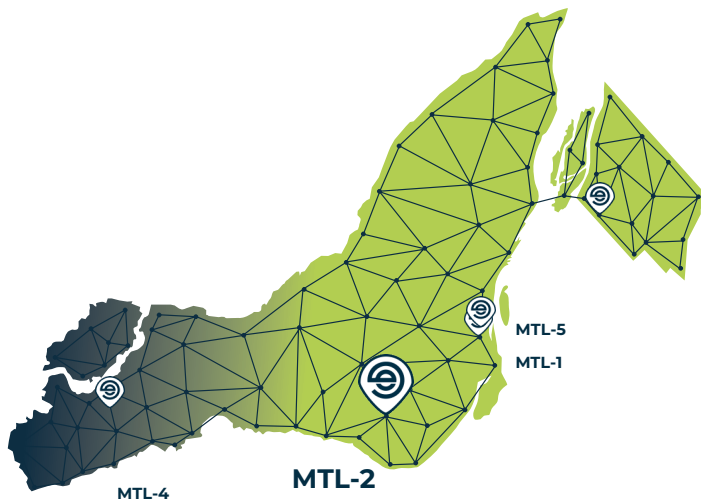


eStructure

DATA CENTERS

eStructure | MTL-2 Data Center

Our state of the art **MTL-2 Data Center** is built to deliver both best in class availability and design flexibility to accommodate the high power densities of today's most intensive workloads. The site is located just outside of the downtown core, combining the scale and space of a warehouse facility with the convenience and easy access to the city. The building footprint allows for a wide variety of data center options, from individual racks to dedicated halls with associated office, storage and DR space for customers. And the physical security is best in class, complete with perimeter fencing, biometric access control and extensive video monitoring. MTL-2 is connected to our MTL-1 facility via a diverse fiber ring, adding both geographic diversity and the ability to connect to over 20 carriers via a simple cross connect.



KEY FACTS

ADDRESS

7001 Saint-Jacques Street, Montreal
Lat: 44.457702 | Long: 73.631675



SITE OVERVIEW

- Building: 187,000 sq. ft. (17,419 m²)
- Land: 490,000 sq. ft. (45,522 m²)



BUILDING DETAILS

- 8 halls and 30MW total power
- 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

- 30MW facility
- Tier 3, N+1 mechanical and electrical systems for concurrent maintainability, PUE 1.3

CONNECTIVITY

- Cloud and Carrier Neutral
- 20+ carriers
- Directly connect to all major clouds, including AWS, Azure, Google Cloud, Oracle Cloud, etc.
- Connected by redundant and path-diverse fibre ring to eStructure MTL-1 downtown location for even greater connectivity and diversity options

eStructure makes the Montreal market even more accessible

Enterprises and cloud providers are increasingly turning to Montreal for its eco-friendly and highly affordable power, abundant free cooling and internationally competitive workforce. With the addition of the MTL-2 data center, eStructure gives companies the ability to design multi-site, carrier neutral data center solutions with the scale and flexibility to accommodate any workload or power density requirement. eStructure is uniquely positioned to help customers build the data center and network solution they need by providing a carrier-dense interconnection point across multiple data center sites conveniently located near the downtown Montreal core.

MTL-2 DC SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS

SPACE	187,500 sq. ft.
LAND SPACE	490,000 sq. ft.
SPACE CONFIGURATION	Up to 8 halls and 30MW total power
YEAR BUILT	1999
NUMBER OF FLOORS	Single large warehouse with 3 floors of office and infrastructure space
FLOOR LOAD	Minimum of 500 lbs per sq. ft.
CEILING CLEARANCE	Varies, from 27' to 44'
FLOOD PLAIN	150' (50m) above sea level
LOADING DOCK	3 truck bays with level access to receiving area. Additional multi-truck covered receiving bays available upon request.
RECEIVING AREA	Heated receiving bay with secure equipment entry. Secure unpacking and staging areas.

CONNECTIVITY

MEET ME ROOM	2 redundant Meet-Me-Rooms fed by diverse facility entrances
CONNECTIVITY	Network neutral with access to 20+ carriers including AWS Direct Connect, IX Reach and Megaport
IP SERVICES	Managed Bandwidth with eStructure managed AS number and IP range
FIBER CROSS CONNECTS	Yes
COPPER CROSS CONNECTS	Yes

ENVIRONMENTAL CONTROLS

COOLING DISTRIBUTION	Varies by hall and density
COOLING CAPACITY	Varies based on densities. Hall level and individual cabinet level cooling solutions available.
REDUNDANCY	N+1 mechanical redundancy
DESIGN	Mechanical design based on optimal free cooling (8+ months/year)

POWER

SERVICE	Quad feed high voltage utility
POWER PROVIDER	Hydro Quebec
ENTRANCES	Power feed from a single substation
DENSITY DESIGN	Up to 30kW per cab available standard. Higher densities available upon request.
UPS	Concurrently maintainable 1MW N+1 UPS Architecture. Flexible 2N solution available upon request.
BACKUP GENERATORS	Concurrently maintainable N+1 on generators. 2N available upon request.
FUEL RUN-TIME	Minimum of 72 hours of on site fuel storage at full load with diverse fueling contractor arrangements

SECURITY

PERIMETER	Entire perimeter secured by fencing. Two gates controlled by central security.
VIDEO	CCTV coverage across multiple cameras. 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

fibrenoire

 **ROGERS**

 **TELUS**

 **VIDEOTRON**

 **zayo**

 **aptum**

 **AT&T**

 **Bell**

 **beanfield**
METROCONNECT

 **cogent**

