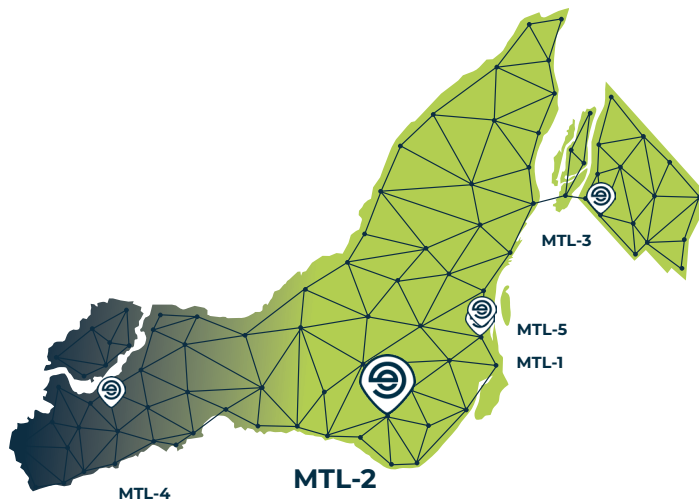


eStructure

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 convenience and ease of access to the city. The building footprint allows for a wide variety of data center options, from individual racks to dedicated halls with an associated office, storage and DR space for customers. And the physical security is top-of-the-line, complete with perimeter fencing, biometric access control and extensive video monitoring. **MTL-2** is connected to our **MTL-1** facility via a redundant fibre loop, adding both geographic diversity and the ability to connect to over 20 carriers via a simple cross connect.



eStructure makes the Montreal market even more accessible

Our MTL-2 data center 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.

KEY FACTS

ADDRESS

7001 Rue Saint-Jacques
Montreal, QC, H4B 3A2
Lat: 45.457691 | Long: -73.632050

SITE OVERVIEW

- Building: 187, 000 sq. ft.
- Land: 490, 000 sq. ft.



BUILDING DETAILS

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



POWER AND INFRASTRUCTURE

- 8 halls and 30MW of critical IT load
- Supports 30kW/cabinet power loads
- Tier 3, N+1 mechanical and electrical systems for concurrent maintainability



CONNECTIVITY

- Carrier and cloud neutral
- 20+ carriers
- Connected by redundant and path diverse fibre loop to eStructure MTL-1 downtown location for even greater connectivity and diversity options

MTL-2 DC SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS		SECURITY	
SPACE	Bulding: 187,000 sq. ft. Land: 490,000 sq. ft.	PERIMETER	Entire perimeter secured by fencing. Two gates controlled by central security
SPACE CONFIGURATION	Up to 8 halls and 30MW of critical IT load	VIDEO	Advanced video surveillance, minimum 90 days of video retention
YEAR BUILT	1999	ON-SITE STAFFING	24/7/365 on site security staff
NUMBER OF FLOORS	Single large warehouse with 3 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
FLOOR LOAD	Minimum of 250 lbs/sq. ft.	MANTRAPS	Yes
CEILING CLEARANCE	Varies, from 27' to 44'	CONNECTIVITY	
FLOOD PLAIN	150' (50m) above sea level	MEET-ME-ROOM	2 redundant meet-me-rooms fed by diverse facility entrances
LOADING DOCK	3 truck bays with level access to receiving area. Additional multi-truck covered receiving bays available upon request	CONNECTIVITY	Network neutral with access to 20+ carriers including AWS Direct Connect and IX Reach Elastic Interconnection
RECEIVING AREA	Secure and heated receiving bay with secure equipment entry	IP SERVICES	Managed Bandwidth with eStruxture managed AS number and IP range
POWER		FIBER CROSS CONNECTS	Yes
SERVICE	Dual feed high voltage electrical entry	COPPER CROSS CONNECTS	Yes
POWER PROVIDER	Hydro Quebec	ENVIRONMENTAL CONTROLS	
ENTRANCES	Power feed from a single substation	COOLING DISTRIBUTION	Raised floor cold air supply
DENSITY DESIGN	Up to 30kW per cabinet. Higher densities available upon request.	COOLING CAPACITY	Varies based on densities. Hall level and individual cabinet level cooling available
UPS	Concurrently maintainable 1MW N+1 UPS Architecture, flexible 2N solution available	REDUNDANCY	N+1 mechanical redundancy
BACKUP GENERATORS	Concurrently maintainable N+1 on generators, 2N available upon request	DESIGN	Free-cooling optimization mode provides efficient and eco-friendly cooling while improving colocation sustainability
FUEL RUN-TIME	Minimum of 24 hours of on site fuel storage at full load diverse fueling contractor arrangements		
FIRE PROTECTION		CERTIFICATIONS / COMPLIANCES	
DETECTION SYSTEM(S)	VESDA system	SOC 1 Type II, SOC 2 Type II, ISO 27001, MPAA, PCI DSS Certification v3.2.1	
FIRE SUPPRESSION SYSTEM(S)	Double Interlocked, Dry-pipe, Cross-zoned, Pre-action system		

