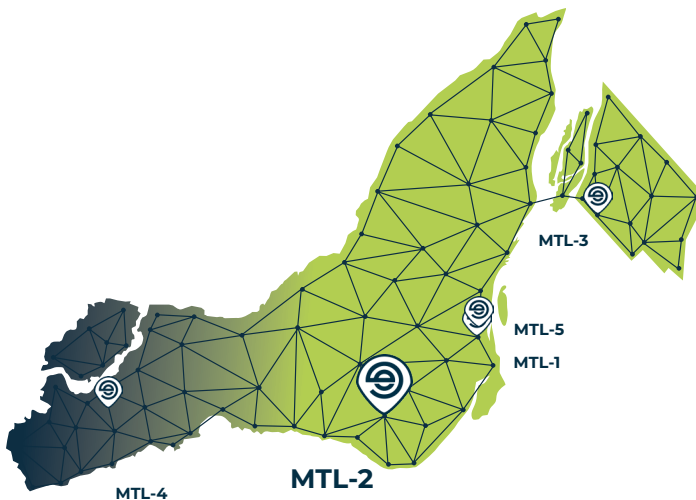


eStruxture

DATA CENTERS

eStruxture | 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. Montreal 2 is connected to our Montreal-1 facility via a redundant fibre loop, adding both geographic diversity and the ability to connect to over 16 carriers via a simple cross connect.



KEY FACTS

SITE OVERVIEW

- Building: 180 000 sq. ft. (14 493 m²)
- Land: 490 000 sq. ft. (45 522 m²)



BUILDING DETAILS

- 8 halls and 30 MW of critical IT load
- 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 critical IT load
- 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 eStruxture Montreal 1 downtown location for even greater connectivity and diversity options

eStruxture makes the Montreal market even more accessible

Enterprises and cloud providers are increasingly turning to Montreal for its environmentally friendly and highly affordable power, abundant free cooling and internationally competitive workforce. With the addition of the MTL-2 data center, eStruxture 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. eStruxture 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	180,000 sq ft
LAND SPACE	490,000 sq ft / 11 Acres
SPACE CONFIGURATION	Up to 8 halls and 30MW of critical IT load
YEAR BUILT	1999
NUMBER OF FLOORS	Single large warehouse with 3 floors of office and infrastructure space
FLOOR LOAD	Minimum of 250 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.
IP SERVICES	Managed Bandwidth with eStructure managed AS number and IP range
FIBER CROSS CONNECTS	Yes
COPPER CROSS CONNECTS	Yes

ENVIRONMENTAL CONTROLS

COOLING DISTRIBUTION	Raised floor cold air supply.
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	Dual feed high voltage electrical entry
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 24 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 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.

