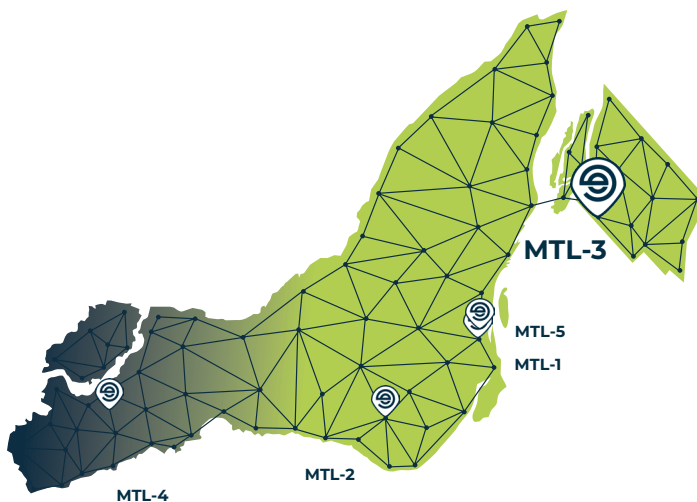# eStruxture | MTL-3 Data Center

eStruxture's **MTL-3 Data Center** is located just minutes from the city center. This Tier III certified facility was the first of its kind in the greater Montreal area and has maintained 100% uptime since its inception in 2009. Its redundant, best-in-class critical infrastructure provides enhanced concurrent maintainability.

MTL-3
MTL-5
MTL-1
MTL-2
MTL-4

KEY FACTS

ADDRESS

1350 Rue Nobel, Suite 130
Boucherville, QC, J4B 5H3
Lat: 45.567131 | Long: -73.426888

SITE OVERVIEW

– 8,200 sq. ft.

BUILDING DETAILS

– 24/7/365 video surveillance and monitoring
– Shared and dedicated suites available
– Customer office, DR & storage spaces
– Away from downtown traffic and
  construction zones

POWER AND INFRASTRUCTURE

– 2 halls and 1MW of critical IT load
– Supports up to 15kW/cabinet power loads

CONNECTIVITY

– Cloud and carrier neutral
– 30+ carriers
– eStruxture run internet and DCI services available

eStruxture provides ISP services to managed server and colocation customers, as well as cloud and carrier neutral access to many local and international carriers. Dedicated dark fiber or virtual fiber is available between our MTL facilities via our path redundant dark fiber network. This makes it easy for you to inter-connect infrastructure and services located in different eStruxture facilities.

Tier III Certified | High-Density
30+ Carriers on Site | AWS Direct Connect

MTL-3 DATA CENTER SPECIFICATIONS

BUILDING AND LAND SPECIFICATIONS

SPACE	Bulding: 20,000 sq. ft. Land: N/A
SPACE CONFIGURATION	2 halls (K1 & K2) with 1MW
YEAR BUILT	K1 - 2009 K2 - 2013
NUMBER OF FLOORS	One floor of office and infrastructure space
FLOOR LOAD	K1 – 1750 lbs/rack K2 – 3999 lbs/rack
CEILING CLEARANCE	K1 - 7' 4 | K2 - 8' 4" Loading dock - 8' 5"
FLOODPLAIN	102' (31m) above sea level
LOADING DOCK	Access to loading dock on request
RECEIVING AREA	Secure receiving area

POWER

SERVICE	Single Utility Feed
POWER PROVIDER	Hydro Quebec
ENTRANCES	Power feed from a single substation
DENSITY DESIGN	Up to 15kW per cab available standard. Higher densities available upon request
UPS	Concurrently maintainable 1MW N+1 UPS architecture, flexible 2N solution available upon
BACKUP GENERATORS	Completely redundant 2N electrical distribution upon request
FUEL RUN-TIME	On-site diesel storage providing 48 hours unrefueled operation

FIRE PROTECTION

DETECTION SYSTEM(S)	Multi-zone VESDA system
FIRE SUPPRESSION SYSTEM(S)	Novec clean agent fire suppression system

SECURITY

PERIMETER	24/7/365 Building security guards Security vestibule
VIDEO	Advanced video surveillance, minimum 90 days of video retention
ON-SITE STAFFING	On site security staff on call
ACCESS	24/7 access for registered customers. Card and facial biometrics access control
MANTRAPS	Yes

CONNECTIVITY

MEET-ME-ROOM	2 redundant meet-me-rooms
CONNECTIVITY	Network neutral with access to 20+ carriers including AWS Direct Connect, IX Reach, Megaport
IP SERVICES	Managed Bandwidth with eStruxture managed AS number and IP range
FIBER CROSS CONNECTS	Yes
COPPER CROSS CONNECTS	Yes

ENVIRONMENTAL CONTROLS

COOLING DISTRIBUTION	Perforated tiles of the subfloor free cooling system
COOLING CAPACITY	Varies based on densities. Hall level and individual cabinet level cooling available
REDUNDANCY	N+1 mechanical redundancy
DESIGN	Free-cooling optimization mode provides efficient and eco-friendly cooling while improving colocation sustainability

CERTIFICATIONS / COMPLIANCES

SOC 1 Type II, SOC 2 Type II, Tier III Certified, ISO 27001, PCI DSS Certification v3.2.1

ROGERS   TELUS   fibrenoire   bso   Megaport   Bell