

# eStruxture

## D A T A C E N T E R S

### eStruxture - Montreal 3 Data Center

eStruxture's MTL-3 Data Center is located just minutes from the city center. This Tier III 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.



### KEY FACTS

#### ADDRESS

1350 Nobel street, Boucherville

#### SITE OVERVIEW

- 20,000 sq. ft. of IT space

#### BUILDING DETAILS



- 2 halls (K1 & K2) and 1.2MW of critical IT load
- Supports up to 15kW/cabinet power loads
- On site security staff 24/7/365
- Shared and dedicated suites available
- Customer office, DR & storage spaces
- Away from downtown traffic and construction zones

#### POWER AND INFRASTRUCTURE



- 1.2MW of critical IT load
- Tier 3, 2N mechanical & electrical systems for concurrent maintainability

#### CONNECTIVITY



- Carrier and Cloud Neutral
- 20+ carriers
- Connected by redundant and path diverse fiber loop to MTL-1 for even greater connectivity and diversity options

**eStruxture** provides ISP services to managed server and colocation customers, as well as carrier and network 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 Design | High-Density | QIX Connectivity  
20+ Carriers on Site | Access to All Major Cloud  
Providers, Including AWS, Azure, Google Cloud**



# MTL-3 DC SPECIFICATIONS

## BUILDING AND LAND SPECIFICATIONS

SPACE	20,000 sq. ft.
LAND SPACE	2 halls (K1 & K2)
SPACE CONFIGURATION	1.2 MW of critical IT load
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
LOADING DOCK	Secure receiving area
RECEIVING AREA	24/7 access to loading dock

## 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, Megaport
IP SERVICES	Managed Bandwidth with eStructure managed AS number and IP range
FIBER & 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 per year)

## CERTIFICATIONS

CERTIFICATIONS	SOC 1 Type II, Uptime TIER III Design, PCI-DSS, SSAE 18
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## POWER

SERVICE	K1 - 175kW IT Power K2 - 400kW IT Power
POWER PROVIDER	Hydro Quebec
ENTRANCES	Power feed from single substation
DENSITY DESIGN	Up to 15kW per cab available standard. Higher densities available upon request.
UPS	High availability, concurrently maintainable 1MW N+1 UPS architecture. Flexible 2N solution available upon request.
BACKUP GENERATORS	Completely redundant 2N electrical distribution
FUEL RUN-TIME	On-site diesel storage providing 48 hours unrefueled operation

## SECURITY

VIDEO	Monitoring with HD security cameras. All footage stored for minimum 45 days
ON-SITE STAFFING	24/7/365 on site security staff
ACCESS	24/7 access for registered customers. Dual-layered physical access control card and facial biometrics access control at mantraps
MANTRAPS	Yes

## FIRE PROTECTION

PROTECTION SYSTEM(S)	VESDA system
FIRE SUPPRESSION	Novec clean agent fire suppression system

