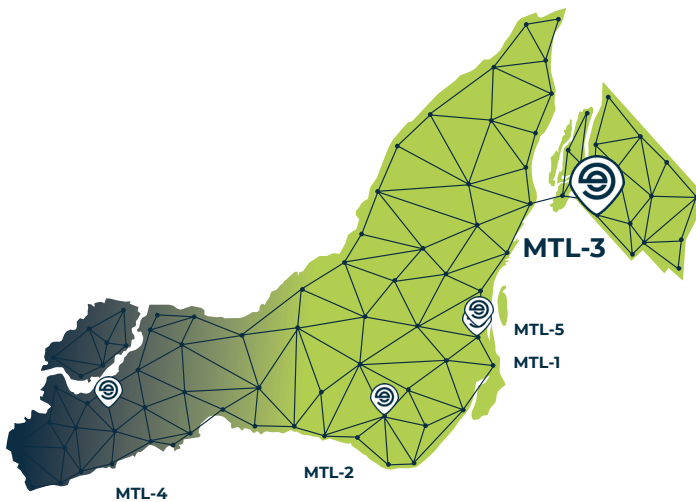# eStruxture | MTL-3 Data Center

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.



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

## 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
– 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 | AWS Direct Connect**

# MTL-3 DC SPECIFICATIONS

## BUILDING AND LAND SPECIFICATIONS

| | |
|---|---|
| SPACE | 20,000 sq. ft. |
| SPACE CONFIGURATION | 2 halls (K1 & K2)<br>1.2 MW of critical IT load |
| YEAR BUILT | K1 - 2009<br>K2 - 2013 |
| NUMBER OF FLOORS | One floor of office<br>and infrastructure space |
| FLOOR LOAD | K1 – 1750 lbs/rack<br>K2 – 3999 lbs/rack |
| CEILING CLEARANCE | K1 - 7' 4 \| K2 - 8' 4"<br>Loading dock - 8' 5" |
| FLOOD PLAIN | 102' (31m) above sea level |
| LOADING DOCK | Access to loading dock on request |
| RECEIVING AREA | Secure receiving area |

## POWER

| | |
|---|---|
| SERVICE | K1 – 216kW IT Power<br>K2 – 450kW 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 |

## 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 & COPPER CROSS CONNECTS | Yes |

## SECURITY

| | |
|---|---|
| VIDEO | Monitoring with HD security cameras. All footage stored for minimum 90 days |
| ON-SITE STAFFING | On site security staff on call |
| ACCESS | 24/7 access for registered customers dual-layered physical access control. Card and facial biometrics access control at mantraps |
| MANTRAPS | 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 solutions available |
| REDUNDANCY | N+1 mechanical redundancy |
| DESIGN | Mechanical design based on optimal free cooling (8+ months/ year) |

## FIRE PROTECTION

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

## CERTIFICATIONS

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

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