

MONTREAL DATA CENTER CAMPUS (QC4) OVERVIEW

This 49MW, three-facility campus includes 25MW across two existing facilities and 24MW of expansion capacity.



FEATURES

- 10-acre campus
- 320,000 gross square feet
- 49MW of critical load capacity
- Designed to Tier III+ standards
- Class A building amenities including office, conference rooms, break rooms and more
- Eco-friendly campus using nearly 100% hydroelectric power

SPECIFICATIONS

DATA CENTER AREA	100,000+ SF
POWER DENSITY	300W/SF on average
FLOOR	High-density ready slab

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Multiple conference rooms and meeting spaces throughout campus, plus a lounge and cafeteria
- External dock, dedicated staging and storage areas
- Proximity to Montreal's main business district with entertainment, airport and highways

POWER

- N+1 redundancy
- Robust energy efficient UPS and generator configuration with no single point of failure
- Fed by two 25kV feeders and a dedicated 120kV substation
- Nearly 100 percent hydroelectric power, creating very little greenhouse gas and no harmful waste

COOLING

- Highly efficient custom redundant indirect air-cooling system for industry-leading PUE in all climates
- N+1 redundancy across all mechanical systems
- Hot aisle/cold aisle air containment for optimal airflow

CONNECTIVITY

- Highly connected and carrier neutral
- 10+ carriers available
- Four MMRs allowing for diverse paths and multiple connectivity options
- Geographic redundancy between Quebec City and Montreal grids

SECURITY

- Multi-layer physical barrier with more than 160 10-ton granite boulders
- Crash-rated motorized gate and fencing with barbed wire
- Biometric identification, facial recognition entry and mantrap
- 24/7 video surveillance and on-site security