



Montreal data centre

Our data centre in Montreal has been in operation for almost 15 years now, servicing many of the largest software providers.

It is an ideal location for operators wishing to service either a global marketplace from one location, or the Americas.

Continent 8's data centre location in Montreal allows for direct access to the extensive transportation and telecommunications services of the region. Montreal is situated on a high quality fibre backbone for the eastern seaboard of North America.



Services and Solutions

A comprehensive suite of services and solutions are available from our Montreal Data Centre from traditional co-location to fully managed solutions, designed to meet your organisations needs now, and into the future.

- Co-Location Services
- Management and Monitoring (including Level 1 & 2 Support Services)
- Managed Services (server, network, storage, systems, SQL, back-up etc.)
- Redundant Bandwidth
- Global MPLS VPN Networking
- Distributed Denial of Service (DDoS) Mitigation
- Content Delivery Network (CDN)
- Disaster Recovery
- Project Management
- Professional and Consultative Services

Montreal features:

- ✓ Data Centre approved as Payment Card Industry Data Security Standard (PCI DSS) compliant
- ✓ Political landscape is solid, making it one of the most suitable environments for companies to locate
- ✓ No appreciable limit to the amount of bandwidth available to the data centre

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- Connected to multiple Global Tier 1 upstream transit providers in Montreal
- Diversified transatlantic routes to London (Hibernia) and Paris (Level 3) interconnecting into our global backbone.
- Private backbone network to North America, London, Isle of Man, Gibraltar, Paris, Milan and Malta via layer 3 MPLS network controlled by Continent 8 end to end
- Direct access to fibre-optic backbone into USA
- Fully redundant power supply from Hydro Quebec
- International Customers can rely on our onsite support for everything that cannot be done remotely
- Manned facility, multilevel (Including Biometric) access control with CCTV monitored 24 x 7
- N+1 Environment systems maintaining consistent temperature and humidity
- Mechanical, electrical and network systems monitored 24 x 7 by expert engineers
- Fire and water leak protection systems
- Average 5 kVA per rack, up to 7.5 kVA per rack dual power provision, higher by arrangement

Power

Providing high density rack capacities with an average power of 5 kVA per rack, the site is further backed up by a regularly tested redundant (N+1) generator configuration, capable of supporting the full data centre load for over 7 days, with priority service contracts for fuel replenishment. Power resilience is supported within the data hall by a redundant (N+1) UPS system, deployed in a parallel configuration, with a minimum of 15min standby time. Continent 8 has invested in multi-layered power architecture to best support our customer's critical online systems.

Environment

Data halls and telecommunication rooms have a raised floor of 900 mm. The rooms are sealed to prevent water damage from leaks or flooding. Cooling is provided by redundant (N+1) HVAC units within each of the data halls. Temperature and humidity controls optimally and efficiently designed to adhere to ASHRAE standard specifications.

Security

The data centre has on-site security guards 24 x 7, backed by remote monitoring of intruder systems and video surveillance from the Continent 8 Network Operating Centre (NOC). Electronic access control to all sensitive areas and data halls, custom-made locks for customer racks, tape vaulting, and utility storage areas meet customer's on-site needs, while highly secure off-site vaults are also available to satisfy stringent security requirements.

Connectivity

Client connectivity services are provided by dual carriers with route and path redundant circuits to two international Continent 8 locations in London and Paris. This resilient network platform supports high speed IP Transit services and the provision of multi-layer enterprise-class MPLS services with supporting SLAs. In addition, Continent 8 provides a further layer of DDoS protection services to safeguard customers' critical online application or service platforms.

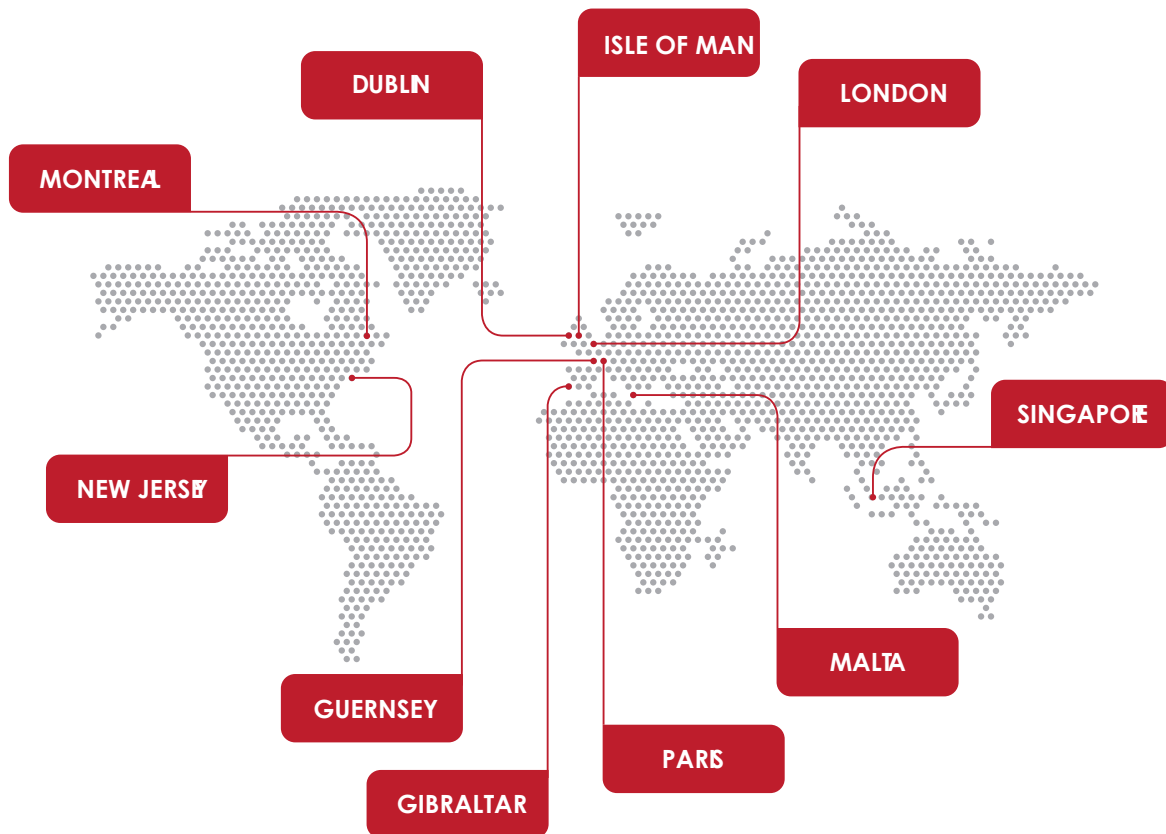
Monitoring, Protection Systems and Support

All electrical & mechanical areas are protected by water leak, fire detection and suppression systems. VESDA early warning detection systems and Nitrogen / Argonite fire suppression is installed as standard in all data halls. 24 x 7 NOC in Montreal and the Isle of Man provide Building Management System monitoring and support with data centre technicians available to provide first level support services.



Continent 8 data centre locations:

In response to our customer base, legislative developments and the marketplace, Continent 8 embarked upon the building of additional data centres in 2007 and now provides offerings in 10 data centres across 3 continents as follows:



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