



Isle of Man

As a self-governing British Crown Dependency, located in the Irish Sea between Great Britain and Ireland, the Isle of Man is an island with a history of financial security and stability, supported by carrier-class connectivity and self-sufficient power generation.

Combining extremely advantageous business and personal taxation rates and world-class communications infrastructure, it's an ideal location for the provision of hosting services. Well regulated and governed, the Island offers many advantages for businesses looking to co-locate infrastructure, implement a disaster recovery footprint or establish its IT operations.

The Continent 8 data centre is ideally situated within 500m of the Island's primary power station and offers first class hosting, disaster recovery and co-location service solutions for any organisation. Continent 8 has years of experience providing services to highly regulated markets through a combination of local expertise, global presence, and class-leading network and hosting solutions.

Services and Solutions

A comprehensive suite of services and solutions are available from our Isle of Man data centre ranging from traditional co-location to fully managed solutions, designed to meet your organisation's needs now, and into the future. Services include;

- 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



Isle of Man features:

- ✓ Low Tax Jurisdiction and Tier 1 regulated location
- ✓ World-class communications infrastructure including "self-healing" connectivity
- ✓ Self-Sufficient power backed by connection to third party electricity grid systems
- ✓ Local expert dedicated business services for financial and legal support
- ✓ Meets highest international standards for the protection of data, formally recognised by EC

Isle of Man data centre

- Resilient power supplied by on-site substation, backed up by N+1 generators
- Redundant diverse connectivity options from one megabit to multi-gigabits
- Private backbone network to North America, London, Paris, Dublin, Gibraltar, Milan and Malta via layer 3 MPLS network controlled by Continent 8 end-to-end
- Manned facility, multilevel 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
- PCI DSS co-location compliant data centre
- 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 data centre is fed by resilient power from the Manx Electricity Authority whose main power station is located less than 500m from the site. 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 halls by a redundant (N+1) UPS system, deployed in a parallel configuration, with a minimum of 15 min standby time. Continent 8 has invested in multi-layered power architecture to best support our customers' critical online systems.

Environment

Data halls and telecommunication rooms have a raised floor height of 900mm. 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 are 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). Security comprises electronic access control to all sensitive areas and data halls, custom-made locks for customer racks, tape vaulting and utility storage areas. Continent 8 also provides highly secure off-site vaults to satisfy stringent security requirements.

Connectivity

Customer connectivity services are provided by multiple 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.

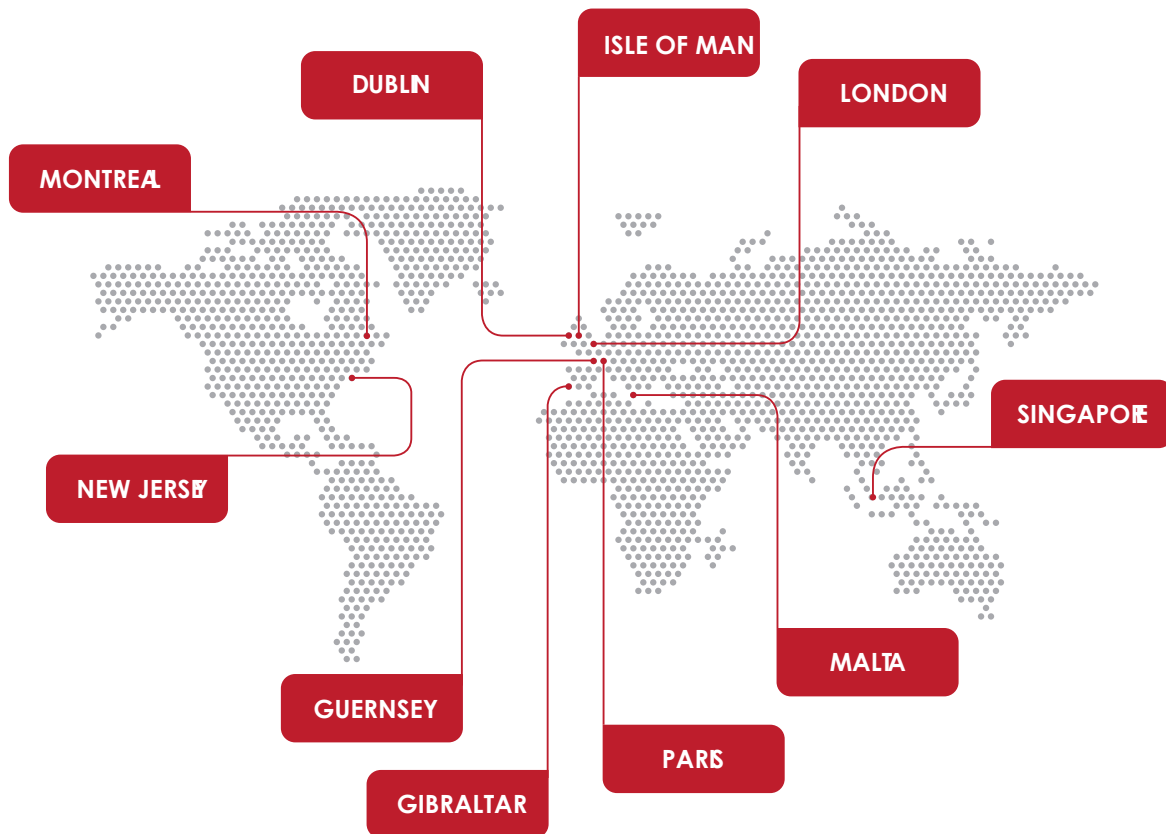
Monitoring, Protection Systems and Support

All electrical & mechanical areas are protected by water leak, fire detection and suppression systems. VESDA early warning detection systems and Nitrogen/Argonite fire suppression are installed as standard in all data halls. Network Operating Centres in the Isle of Man and Montreal provide building management system monitoring and support on a 24 x 7 basis. Data centre technicians are 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:



Contacting Continent 8

Sales
Europe
+44 1624 694625
North America
+1 514 461 5120
Asia
+65 6505 9795
sales@continent8.com

Technical
Europe
+44 1624 694611
North America
+1 514 461 5111
Asia
+65 6505 9791
support@continent8.com

Headquarters
Continent 8 House
Pulrose Road
Douglas, IM2 1AL
Isle of Man
Tel. +44 1624 6788888
info@continent8.com