



Dublin data centre

The perfect place to host

Continent 8 opened the Dublin location to provide a greater value offering to customers for services to Europe and beyond. Enabling separation of services whilst maintaining connectivity via our MPLS backbone, the Dublin location provides a perfect front-end or disaster recovery proposition to both existing customers and future partners.

Continent 8 Technologies' location in Dublin is a purpose-built facility in Ballycoolin Business Park, benefitting from the highest levels of connectivity and power provision in this high-tech region.

Services and Solutions

A comprehensive suite of services and solutions are available from our Dublin 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



Dublin features:

- ✓ Home to High-Tech industries, benefitting from considerable investment in infrastructure
- ✓ Scalable facilities, enabling separation of tier value
- ✓ Great value co-location and disaster recovery location

Dublin data centre

- Multiple Tier 1 carrier connections
- Diversified multi-gig-E Paths between sites
- Private backbone network to North America, London, Isle of Man, Gibraltar, Milan and Malta via layer 3 MPLS network controlled by Continent 8 end to end
- Manned facility, multilevel, including biometric, access control with CCTV monitored 24 x 7
- Fully redundant cooling systems in a minimum N+1 configuration
- Mechanical, electrical and network systems monitored 24 x 7 by expert engineers
- Fire and water leak protection systems
- Average 3.2 kVA per rack up to 8 kVA per rack with dual power provision

Power

Providing high density rack capacities with an average power of 3.2 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 15 min 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.

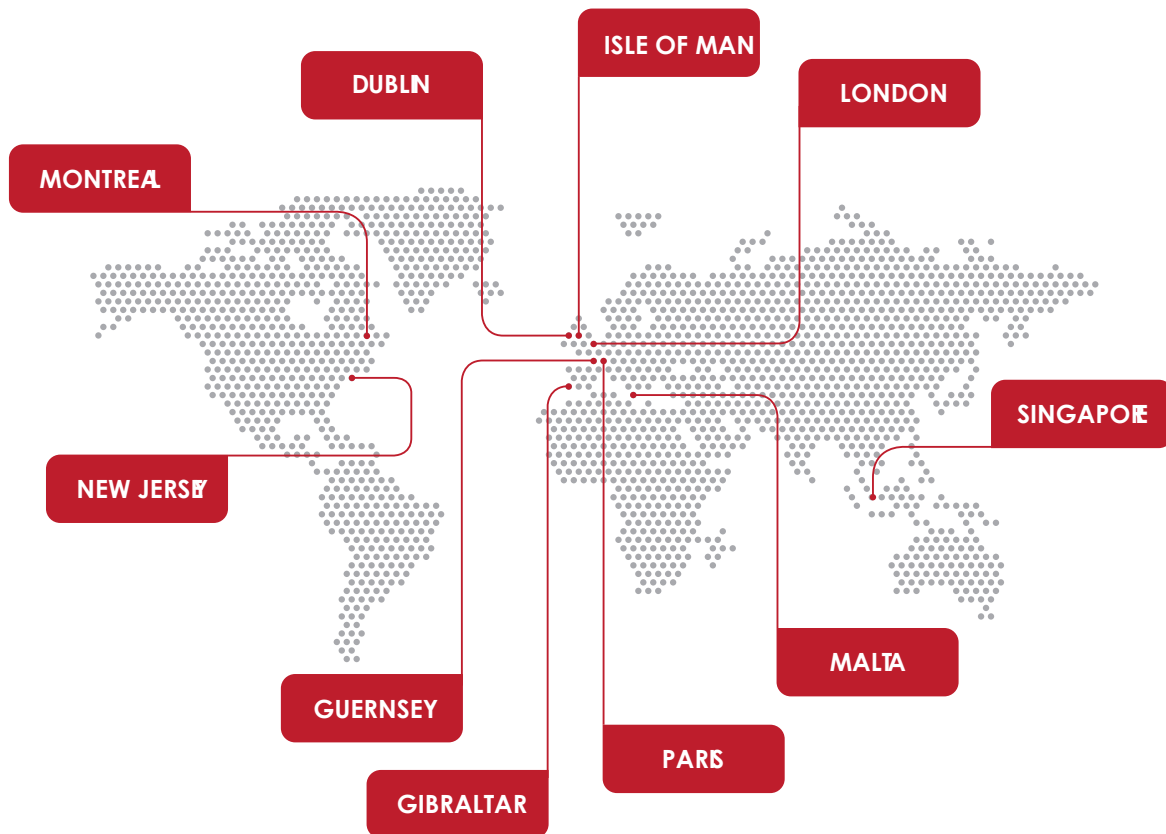
Monitoring, Protection Systems and Support

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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