



Lisbon data centre

Following the introduction of online gaming regulation in the Portuguese market in late 2015, Continent 8 opened a data centre in the city of Lisbon in order for our customers to comply with the new regulations and in turn provide services to their customers.

The regulatory body responsible for the monitoring and inspection for both land based and online gambling (games of chance, fixed-odds sports betting and mutual and fixed-odds horserace betting) is Serviço de Regulação e Inspeção de Jogos do Turismo de Portugal (SRIJ)

There are four different types of online gambling licences available in Portugal; fixed-odds sports betting, mutual and fixed-odds horse race betting, bingo and games of chance

Part of the application requirements for the operator (the applicant) is to show detailed information on the technical infrastructure; gaming application, licence type, any player management processes and location in Portugal where the front-end infrastructure is to be hosted, which is where Continent 8 can help you.

Services and Solutions

A comprehensive suite of services and solutions are available from our Lisbon 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
- Disaster Recovery
- Project Management
- Professional and Consultative Services



Lisbon features:

- ✓ Fully compliant with Portugal's new Online Gambling Law as directed by the Portuguese Gambling Regulator – SRIJ
- ✓ Directly connected through our Global Private Network to Continent 8's 12 data centres
- ✓ Direct access to full range of Continent 8's services and solutions



Lisbon data centre

- ISO 9001, 14001, 20000, 23301 and 27001 certified facility
- Private backbone network to North and South America, London, Paris, Dublin, Isle of Man, Gibraltar, Guernsey, Malta via layer 3 MPLS network controlled by Continent 8 end to end
- Redundant diverse connectivity options from one megabit to multi-gigabits
- Manned facility, multilevel access control with CCTV monitored 24/7
- 2 independent HV feeds in a 2N+1 configuration with 2 on site substations
- 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 3.5 kVA per rack up to 5 kVA per rack dual power provision

Power

Providing rack capacities with an average power of 3.5 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 4 days, with priority service contracts for fuel replenishment. Power resilience is supported within the data hall by a redundant (2N+1) UPS system, deployed in a cascade configuration, with a minimum of 30 minimum standby time. The facility has multi-layered power architecture to best support our customer's critical online systems.

Environment

Data halls and telecommunication rooms have a raised floor of 400 - 450 mm (semi-conductive and antistatic). All technical areas are on floors above the entrance floor. Floor voids are fitted with leak detectors. Cooling is provided by redundant (N+1) HVAC units within each of the data halls. Temperature (22°C +/-5°C) and humidity (40% - 60%) controls are optimally and efficiently designed to industry standard specifications.

Security

The data centre is a fenced facility with 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

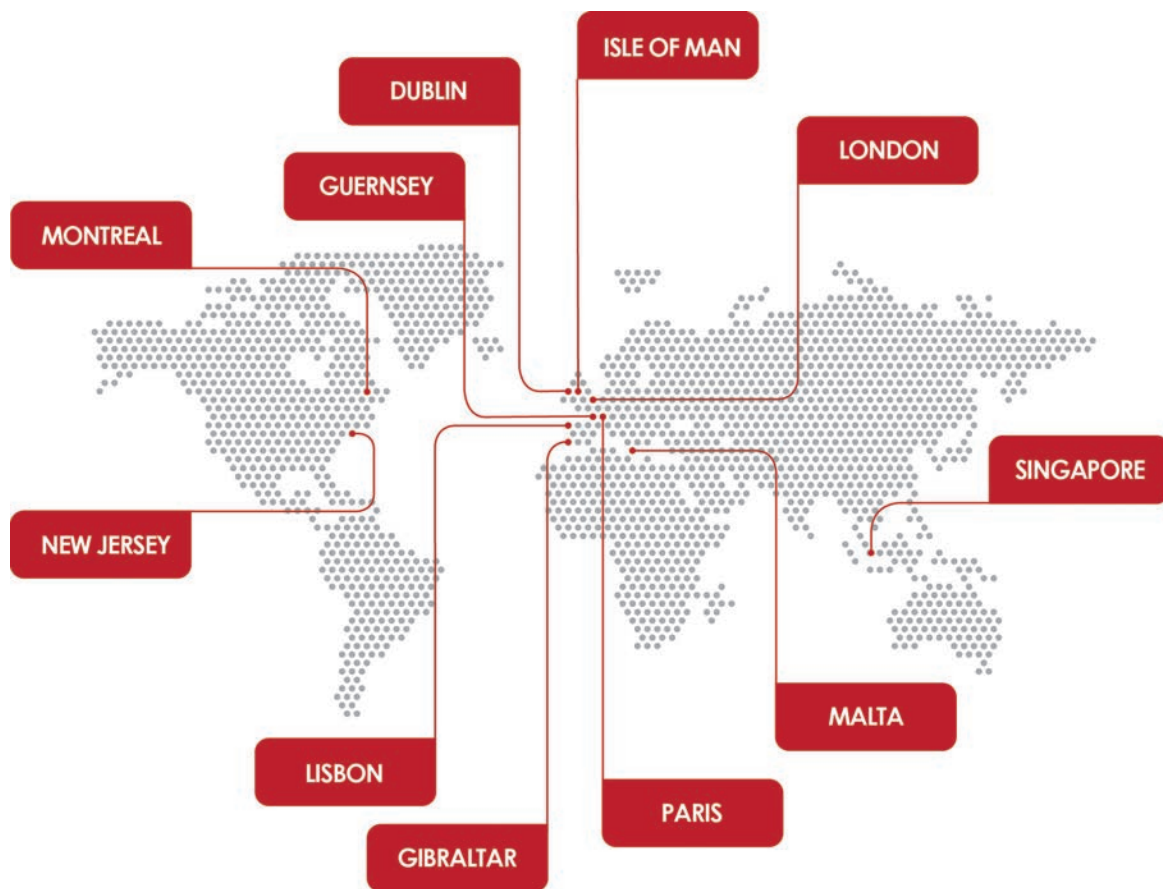
Client connectivity services are provided by dual carriers with route and path redundant circuits to two international Continent 8 locations in London and Madrid. This resilient network platform supports high speed IP Transit services and the provision of multi-layer enterprise-class MPLS services with 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. Optical fire detectors and FE-13 fire suppression is installed as standard in all data halls and technical areas. 24 x 7 NOC in Dublin and Montreal 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 12 data centres across 3 continents as follows:



Contacting Continent 8

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

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

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