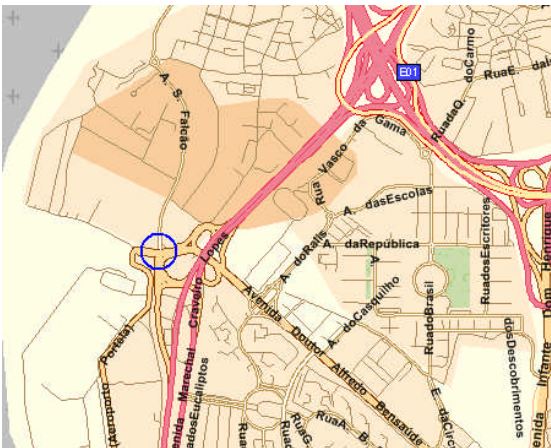


# Lisbon Building Portugal



## Location

Situated in Prior Velho, an important industrial area of Lisbon in the north-east of the metropolitan area. Approximately 15 minutes from the city center, 5 minutes from Lisbon airport and 10 minutes from Expo site. Access to motorway network 1000 m from the building



## Areas

Gross internal area: 5.232 m<sup>2</sup>  
Co-location area: 3.405 m<sup>2</sup>

## Distribution

Second Level co-location 1.632 m<sup>2</sup>  
First Level co-location 1.702 m<sup>2</sup>  
Basement Co-loc./Tech.areas 1.898 m<sup>2</sup>

## Civil And Architecture

- Minimum Slab to Slab Height: 4.00-4.50m.
- Minimum Usable Height: 2.85-3.00
- Raised Floor Height: 0.40-0.45m
- Loading: 2000kg/m
- FR-120 panel interior partitions
- Dust-proof floor coating

## Facilities

- power available for customer equipment 400-2000w/M<sup>2</sup>
- power capacity 2.5-6.0MW
- Emergency Generator Back up (N+1redundancy)
- UPS for no-break solution ( N+1redundancy)
- Every customer area in provided with 3 electrical : Normal, UPS1 and UPS2

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### HVAC Facilities

- HVAC system based on chilled water
- Facility's environment is controlled at a constant 22°C +/- 3°C with 50% Relative Humidity +/- 10%
- Pumps and chillers are situated in rooftop plant (N+1 redundancy)
- N+1 redundancy on room air conditioning units
- Water leak detection

### Fire Protection

- Fully addressable multistage fire detection system for entire building
- Cross detection (in ceiling and in raised floor) with optical detectors
- Gas suppression system in Technical Rooms (FE-13 gas)
- Gas centrally stored in separate rooms



### Security

- Complete control system: CCTV, presence & intruder detection, access control.
- Proximity access card readers (installed in each customer room)
- CCTV images digitally filed (interior & exterior)
- Door access control in rooms with contact alarms
- Vehicle barrier entrance control.
- 24 x 7 security guards.

### Building Management System

- A fully comprehensive BMS monitors alarms, power, temperature, humidity, fire, security and access
- BMS provides a snapshot of the facility's state at any given moment.
- All data generated by the BMS are stored



Madrid, España  
+34 91 714 7000

Sevilla, España  
+ 34 954 92 0992

Calgary, Canadá  
+1 403 253 8848

Houston, EE.UU.  
+1 713 939 9399

Baltimore, EE.UU.  
+1 410 910 1300

México D.F., México  
+52 55 52 62 7111

Río de Janeiro, Brasil  
+55 212 441 3015

Beijing, China  
+86 10 6788 5107

Ankara, Turquía  
+90 312 405 6010

Buenos Aires, Argentina  
+54 114 000 7900

[www.telvent.com](http://www.telvent.com) [info@telvent.com](mailto:info@telvent.com)

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