



## inMOVIX DataCenter

Data center based in 20' container

**Modular, escalable y eficiente en un contenedor de 20'**



Stoorlabs introduces the inMOVIX DC concept, an Advanced Data Center in a modular standard 20' container.

All the functionalities and performances of a traditional CPD; cooling, power, security and redundancy in portable modules.

Economical, scalable, highly efficient and ready to be deployed in a very short time.

Ideal for installing safely your new CPD in any location or to expand your existing facility with a fraction of the cost and time required for the construction and implementation in a conventional building. Also suitable for itinerant installations, emergency deployments, or to provide service for punctual demands for IT services.

All in a highly efficient and customizable solution according to the specific needs for each project.



***Modular and scalable***

***High and efficiency performances***

***Fully Customizable***

**customizable**

***Tested and ready to install***

## Features

- ✓ Registered standard 20' naval container
- ✓ Affordable and fast Data Center installation
- ✓ Worldwide delivery
- ✓ Up to 300 servers
- ✓ Fully customizable, 312 U available in 8 racks 45U D900mm
- ✓ High Efficient ,PUE < 1,1
- ✓ Fire extinguishing, IP CCTV and intrusion remote control integrated systems
- ✓ Environment friendly
- ✓ Tested solution in constant evolution

### **Modular and scalable - Maximum flexibility for your project**

Fast and easy growth potential by installing new modules Horizontal site installation or vertically, stack up to six DataBox

- ✓ Each DataBox is equipped with eight 45U racks, W600 D900 Compatible with standard IT equipment

### **Efficient and functional - Maximum performances and efficiency**

Hot&Cold aisle containment (thermally insulated)

High efficiency through N+1 redundant configuration

Designed to achieve PUE<1.1

LED Interior Lighting and remote monitoring and alarms

Redundant electrical CTAC connection up to 175kW. Individual Hot Plug

Modular external communications with up to 12 +12 FO

Safe fire extinguishing fluid and temperature sensors, humidity, fluids and CCTV IP for each aisle

### **Costumizable - Designed to your need**

External generators and/or UPS

Chiller refrigeration units or direct expansion condenser units Pre-

Chamber for hostile weather conditions or dusty environments

Communication module for remote monitor or satellite communications

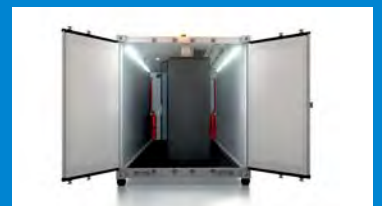
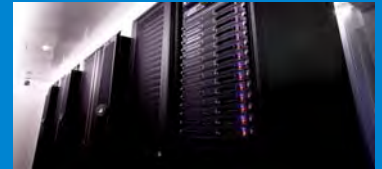
Racks for industrial equipments, LV or other dedicated equipment

RF-60 or RF-120 protection

Special climate protection on request

Internal wiring as per requirements: servers, switches, router

Full outer customization, corporate colours, customer's logo



**Características técnicas de la configuración estándar****Structure**

- Corrugated steel watertight enclosure
- Fire resistance F15
- ISO 6346 Standards
- 6 anti-vandal anchor points
- Leveling and anti-vibration Silentblocks
- Dimensions: 6,16m x 2,59m x 2,43m
- Weight: 3.500kg
- Maximum load: 30,000 kg
- Max. number DataBox in a vertical column: 6 pcs

**Interior space**

- 8 RETEX LOGIC2 45U cabinets W600 D900
- 312U free/useful space
- Hot → Cold Aisle containments (Cold 90cm | Hot 80cm)
- Longitudinal cable duct/raceway for data cabling

**Refrigeration**

- 3 technical of high efficiency HVAC equipment
- 90 kW cooling performances
- Cooling: Chilled water
- 8 fans per equipment, hot-swappable
- Flow : 4,900 m<sup>3</sup> / h

**Electrical infrastructure**

- 2 electrical connections 125A Three Phase 400V CTAC
- Total electric power 175KW (redundant 85kW)
- Double busbar with longitudinal protection elements, connectivity every 50 cm.
- Hot Power on / off with protective elements
- Interior Lighting: low power LEDs

**Data infrastructure**

- Redundant 24 FO links (12+12)
- Fiber Optic patch panel

**Control**

- Integrated Central Control Rack
- Monitoring via TCP-IP access
- Alerting (mail, SMS, SNMP)
- Sensors for temperature, humidity and flooding
- Detection and Fire Suppression: 3M Novec 1230 fluid
- Security cameras for remote monitoring and surveillance
- Beacon for external alarm signaling



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