KIO is an international company, founded in 2002, a provider of mission-critical Information Technology services that operates state-of-the-art Data Centers with the highest security, availability and density in Mexico, Colombia and Central America. KIO hosts a robust and wide ecosystem of different industry sectors in the region within its Data Centers ensuring a professional, redundant, scalable and secure environment.

KIO **MTY1** joined the KIO portfolio in 2014, with a technology complex of TIER III characteristics.

KIO MTY1 is located at Avenida Gómez Morín 350 Sur 2nd floor, Colonia Valle Campestre 66265, San Pedro Garza García, NL.

Coordinates 25°38'57.6"N 100°21'30.8"W

CHARACTERISTICS

Design
It has a computer room with an area of 306 m2, reinforced floor with earthquake-proof pedestals and reinforced concrete walls along the entire perimeter of the Data Center.

Electrical capacity
It has two 225 kVA UPS that are redundant, and they have sufficient capacity to provide uninterrupted and filtered power to all of the installed equipment.

Redundancy
2N in all the mission critical equipment, with two 500 kW emergency power generators, each with its own diesel storage tank, providing 4-day autonomy and maximizing the availability of the Data Center.

Power supply / service drop
Medium-voltage 13.8 kVA power supply / service drop for critical load, from which 2 power lines serve the entire infrastructure.

Energy efficiency
Cold aisle containment helping deliver an average PUE of 1.7.

Fire protection
It has smoke detectors, manual stations and audiovisual alerts in all areas, in compliance with the standards of the National Fire Protection Association (NFPA), as well as an automatic free agent-based fire extinguishing system.

Qualified personnel
There are trained and qualified operating personnel 7x24x365 days a year.

Carrier neutral
Open invitation to all Carriers. The current Carriers are:

- ATC
- Axtel / Alestra
- Flō Networks
- Neutral Networks
- Telmex
- Telum
- TotalPlay
- Vivaro
- Zayo

KIO also has a high-speed interconnection network among its Data Centers.

NOC
Advanced operations and network monitoring center.

Security
It has 5 security controls with two-factor authentication (proximity and facial recognition biometrics) using a 7x24x365 Video Surveillance system with a 90-day storage capacity.

PHYSICAL CHARACTERISTICS

Type of walls	Reinforced concrete / Durock
Wall thickness	10 cm (3.93 inches)
Perimeter wall	Yes
Construction of perimeter wall	Reinforced concrete / Durock
Wheelchair access	Yes
Dedicated Data Center building	Yes
Distance to a police station	10.3 km (6.40 miles)
Distance to a fire station	4.1 km (2.54 miles)
Data Hall No1 technical floor area	306 m2 (3,293 ft2)
Raised floor - Concentrated load	405 kg (892.87 lb)
Raised floor - Uniform load	1,200 kg/m2 (245 lb/ft2)
Raised floor - Impact load	90 kg (198.41 lb)
Raised floor - Last load	1,406 kg (3,099 lb)
Maximum cabinet capacity	133 approx.
Availability of space with perimeter cage	Yes
Height above sea level (meters)	537 m (1,761 ft)
Distance to the ocean (kilometers)	306.2 km (190 miles)

KIO | Data Centers

POWER CHARACTERISTICS

Redundancy	2N
Availability	ICREA Level III
Design capacity in m2	0.595 kW / IT
UPS capacity	225 kVA
Transformer capacity	1,000 kVA
Number of power connections	1
UPS autonomy time	7 minutes
Diesel autonomy time	4 days
Total diesel tank capacity	9,000 liters (2,377.548 gl)
Number of generators	2
Total generator capacity	500 kW

ELECTROMECHANICAL CHARACTERISTICS (COOLING)

Number of total units	9
Number of redundant units	3
Tons of cooling for the Data Center	110

International **C**omputer **R**oom **E**xperts **A**ssociation

ICREA

ORGANIZACIÓN CERTIFICADA
Antisoborno
ISO 37001

SECURITY

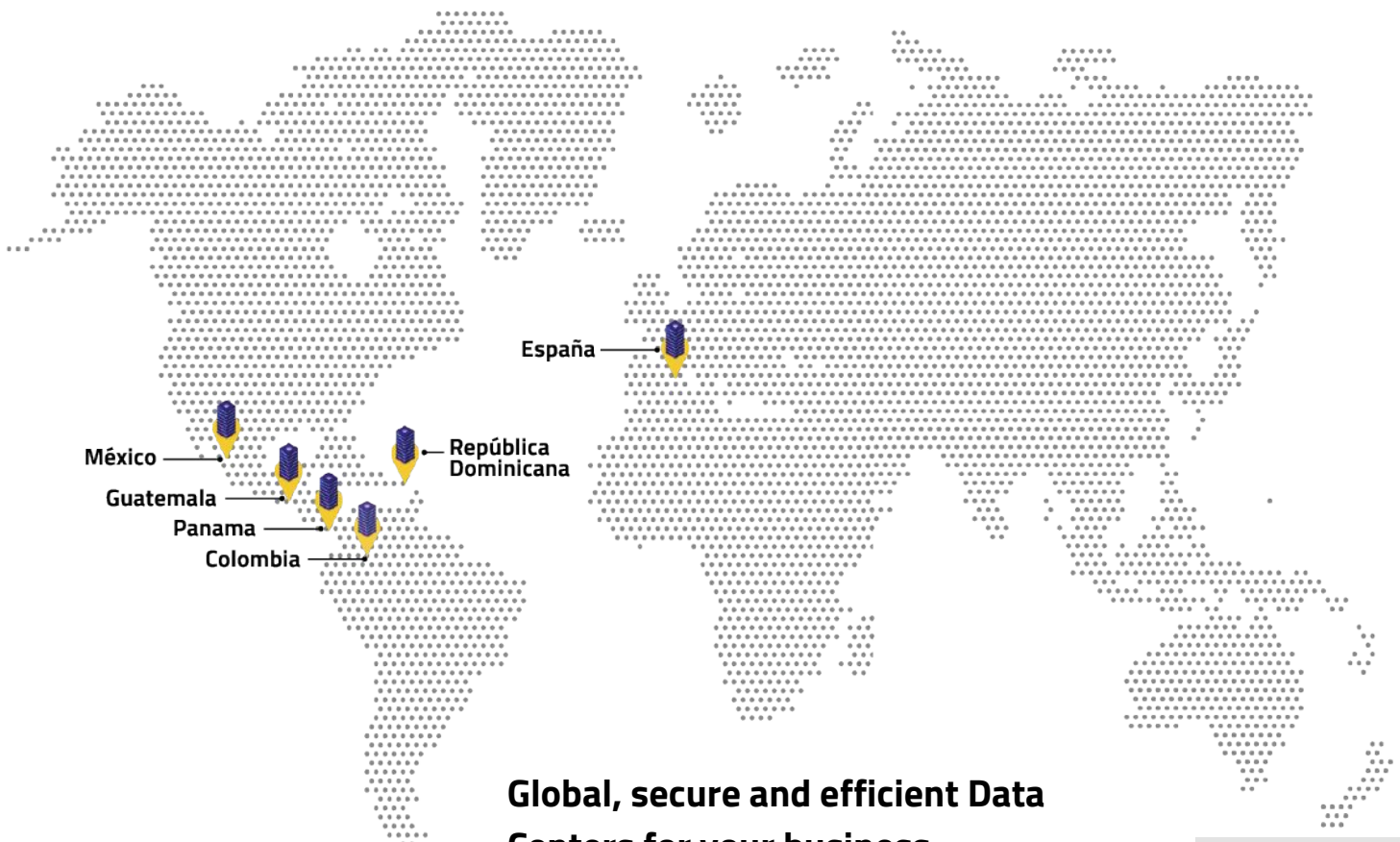|	
Access control	Mantrap
Authentication factors	Two (Facial biometrics and fingerprint)
Visitor log	Yes
7x24 Security personnel	Yes
Security cameras	Yes
Minimum DVR recording time	90 days
Fire detection	VESDA
Automatic fire extinguishing	GAS extinguishment

COMMUNICATIONS

Copper wiring	Category 6A or higher
Fiber wiring	Single mode and multimode
Wire covering	Plenum and/or LSOH
Space for Carriers	Yes
Site Entry	Yes

CERTIFICATIONS

ICREA Level III	ISO/IEC37001:2016

España

México

Guatemala

Panama

Colombia

República Dominicana

Global, secure and efficient Data Centers for your business

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