

COLLOCATION BY ILKARI

ILKARI



Welcome to a new era of colocation

- State-of-the art infrastructure
- Robust security
- Leading certifications
- Geographical advantage
- People excellence



Infrastructure meets innovation at our cutting-edge data centre, situated in the heart of Colombia.

Whether you're a small business or a large enterprise, we've got you covered. Our purpose-built, independently operated facility provides privacy-conscious customers with unbeatable security, connectivity and reliability.

- TIA-942-C Rated-3 Constructed Facility certified
- Advanced temperature and humidity controls
- 800 m² net technical space
- 3.6 MW site load
- Backup generator capacity of 619 kW initially
- 24/7 surveillance and security controls

WHY CHOOSE US

At Ilkari, we're redefining exceptional service. In addition to robust and reliable infrastructure, we deliver unrivalled security, flexibility and support, providing customers with the highest-quality care.

Prime location

Strategically located in the Bogotá Free Trade Zone in Tocancipá, Colombia, our data centre serves as a gateway to Latin American markets. This prime spot enables you to expand your reach in the region while benefiting from cost-cutting tax incentives and other advantages associated with the Free Trade Zone.

Our central location ensures low-latency connections to major cities across the continent, as well as direct links to the United States, Canada and Europe via submarine cables, international fibre connections and partnerships with major telecom carriers.

State-of-the-art infrastructure

We are the first data centre in Colombia and the region to receive the latest TIA-942-C Rated-3 Constructed Facility certification, boasting cutting-edge technology. With redundant power sources, advanced cooling systems, and robust security measures, your data is in safe hands, ensuring 24/7 uptime.

Unrivalled security

Benefit from round-the-clock 24/7 NOC support for all access requests via our client card access system. Access is restricted to designated areas only.

Our facility features vehicle protection systems, manned security guard booths, and external cameras with night vision and motion detection as well as an internal security fence with motion detection further enhances safety.

Scalability

We understand that your business is dynamic and may require scaling up or down. Our flexible colocation services allow you to easily expand your infrastructure as your business grows. We also own the adjacent land so when your company grows, your IT infrastructure can expand to meet your needs quickly and with less investment.



Carrier-neutral connectivity

Enjoy the freedom to choose from a wide range of telecom providers. Our carrier-neutral approach guarantees that you have the flexibility to select the network services best-suited to your specific requirements.

Compliance and security

We prioritise the security and compliance of your data. Our data centre adheres to rigorous industry standards and regulations, providing peace of mind and allowing you to focus on your core business activities.

Expert support

Our dedicated team of experienced professionals is available to provide support and assistance 24/7. From initial setup to ongoing maintenance, we are committed to ensuring your experience is seamless and stress-free.

Remote hands support

Our expert technicians are available around the clock to provide support. From routine maintenance to urgent troubleshooting, our skilled professionals are ready to assist you, ensuring minimal downtime for your operations.

Custom solutions, tailored to your needs

Whether you're looking for a single rack or a customised private suite, we're here to help. When you choose Ilkari, our team works closely with you to understand your unique needs and requirements to deliver a solution that aligns perfectly with your business objectives.

Get in touch

Contact our team to schedule a tour and discover how Ilkari's world-class colocation services can propel your business forward. Reach out to sales@ilkari.tech.

DATA CENTRE SPECIFICATIONS

ILKARI

A CLOSER LOOK: DATA CENTRE OVERVIEW

Explore the facility in detail, including key aspects of our state-of-the-art infrastructure.

GENERAL INFORMATION

Data centre name	Faoba
Location	Tocancipá, near Bogotá, Colombia (Free Trade Zone)
Facility certification	TIA-942-C Rated-3 Constructed Facility
White space floor area	Ca. 800 m ²
Operational status	Operational
Number of cabinets	Currently: 80 racks Total site capacity: 500 racks

CONNECTIVITY

Carrier-neutral facility	Multiple diverse and redundant optical fibre entry points to meet-me rooms (MMR)
Redundant internet connectivity	Yes
Network monitoring	24/7 network operations centre (NOC)

POWER

Total utility power capacity	3.6 MW currently
IT load	615 kW, up to 2.1 MW in future
Redundant power feeds	Yes
Backup power generators	Yes
UPS systems	2N redundancy 800 kW IT UPS
Power density options	5 kW standard, 10 kW+ available on request

COOLING

Cooling capacity	Initial 245 kW IT load
Redundant cooling	Yes N+1
Cooling system type	In row coolers
Cold aisle containment	Yes

SECURITY

Physical building security	Biometric access, CCTV surveillance, site access procedures, detailed visitor logs and secure cabinets
Mantrap entry	Yes
Security staff	24/7 on-site security personnel
Visitor access	Yes

RELIABILITY

HVAC uptime	99.982%
Network uptime	100%
Testing and certification	TIA-942 and suppliers recommendations

ENVIRONMENTAL CONTROLS

Fire suppression system	SEVO 1230 FORCE500 clean agent
Fire detection system	VESDA aspirated smoke detection, multi-zonal coverage of all areas of the site in each suite
Temperature and humidity controls	Yes
Environmental monitoring	24/7 monitoring and alerts

ENVIRONMENTAL RESPONSIBILITY

Power usage effectiveness (PUE)	Design PUE at 1.4
Green initiatives	Electricity from 64% renewable energy sources such as water resources via the National Grid
Energy efficiency measures	Energy-efficient cooling, cold-aisle containment

COLOCATION SERVICES

Rack space options	Full rack and suites
Private suites availability	Yes
Remote hands support	24/7 on-demand support
Cross connect options	Meet-me rooms (MMR) to racks, inter-room cabling available

CLIENT AMENITIES

Meeting rooms	Yes
Private office space	Yes
Breakout space	Yes
Parking facilities	Yes
24/7 access	Yes
Secure delivery room or caging possible	Yes
Loading docks	Fully secured, access-controlled and monitored for equipment delivery

SUPPORT SERVICES

Customer support	24/7 remote hands technical support
On-site IT services	Yes, remote and in-house NOC monitoring and management
Documentation and training	Yes

COMPLIANCE AND CERTIFICATIONS

Tier certification	ANSI/TIA-942-C Rated-3 Constructed Facility
Operations standard	Data centre operations standard (DCOS) Maturity Level 3
Information security	ISO 27001 coming soon
Sustainability	Sustainable Data Centres SS564 coming soon



ILKARI

ilkari.tech