

COLLOCATION BY ILKARI

ILKARI



Infrastructure meets innovation at our cutting-edge colocation facility, 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
- DCOS Maturity Level 3 operationally certified
- Design PUE of < 1.4
- 800 m² net technical space with expansion coming soon
- 3.6 MW site power availability with capacity to increase
- N+1 diesel generator backup with 72-hour fuel storage
- 24/7/365 manned security and seven levels of access control

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, only 40 km from Bogotá's CBD and 50 km from the El Dorado International Airport. 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. Additionally, a perimeter security fence equipped with motion detection further enhances safety.

With seven layers of access procedures adhering to strict security protocols, we ensure that every step from entry to the secured racks is meticulously guarded. This comprehensive system provides you with the utmost confidence that your data is thoroughly protected.

Scalability

We understand that your business is dynamic and may require scaling up or down. Our flexible colocation solutions 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 diverse, independent range of network 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.

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 , expansion up to 1,500 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
Uptime	99.982 %
IT load	800 kW, up to 4 MW in the future
Utility power supply	3.6 MW with capacity to increase to 6 MW
Backup power generators	N+1 emergency diesel generators and 72-hour fuel storage on-site
UPS systems	2N IT UPS, N mechanical UPS and 20 Li-Ion battery backup
Power density options	5-10 kW standard, 20 kW+ available on request

COOLING

Cooling capacity	In-row coolers or chilled water system
Redundant cooling	N+1
Cold aisle containment	Yes

SECURITY

Security levels	Zona Franca security entrance, data centre security entrance and six internal levels
Physical building security	Biometric access, CCTV surveillance, site perimeter intruder system, detailed visitor logs and secure cabinets
Mantrap entry	At reception and delivery bay
Security staff	24/7 on-site security personnel
Visitor access	Yes

RELIABILITY

HVAC standard	ASHRAE standard
Network uptime (internal)	100%
Testing and certification	TIA-942 and other data centre industry standards

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 on-site monitoring of full EMS/BMS system and alarm alerts sent to remote NOC

ENVIRONMENTAL RESPONSIBILITY

Power usage effectiveness (PUE)	Design PUE < 1.4
Green initiatives	Electricity from 68% renewable energy sources such as water resources via the National Grid
Energy efficiency measures	Energy-efficient cooling and ventilation heat reclaim systems

COLOCATION SERVICES

Rack space options	Full rack and suites
Private suites availability	Yes
Remote hands support	24/7 on-demand support
Cross connect options	Independent, diverse 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 services with remote and smart 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
Sustainability	Sustainable Data Centres SS564
Information security	ISO 27001 coming soon SOC 2 Type I coming soon PCI DSS Service Provider Compliance coming soon



TRUSTED BY OUR PARTNERS AND AFFILIATIONS



COMMSCOPE®

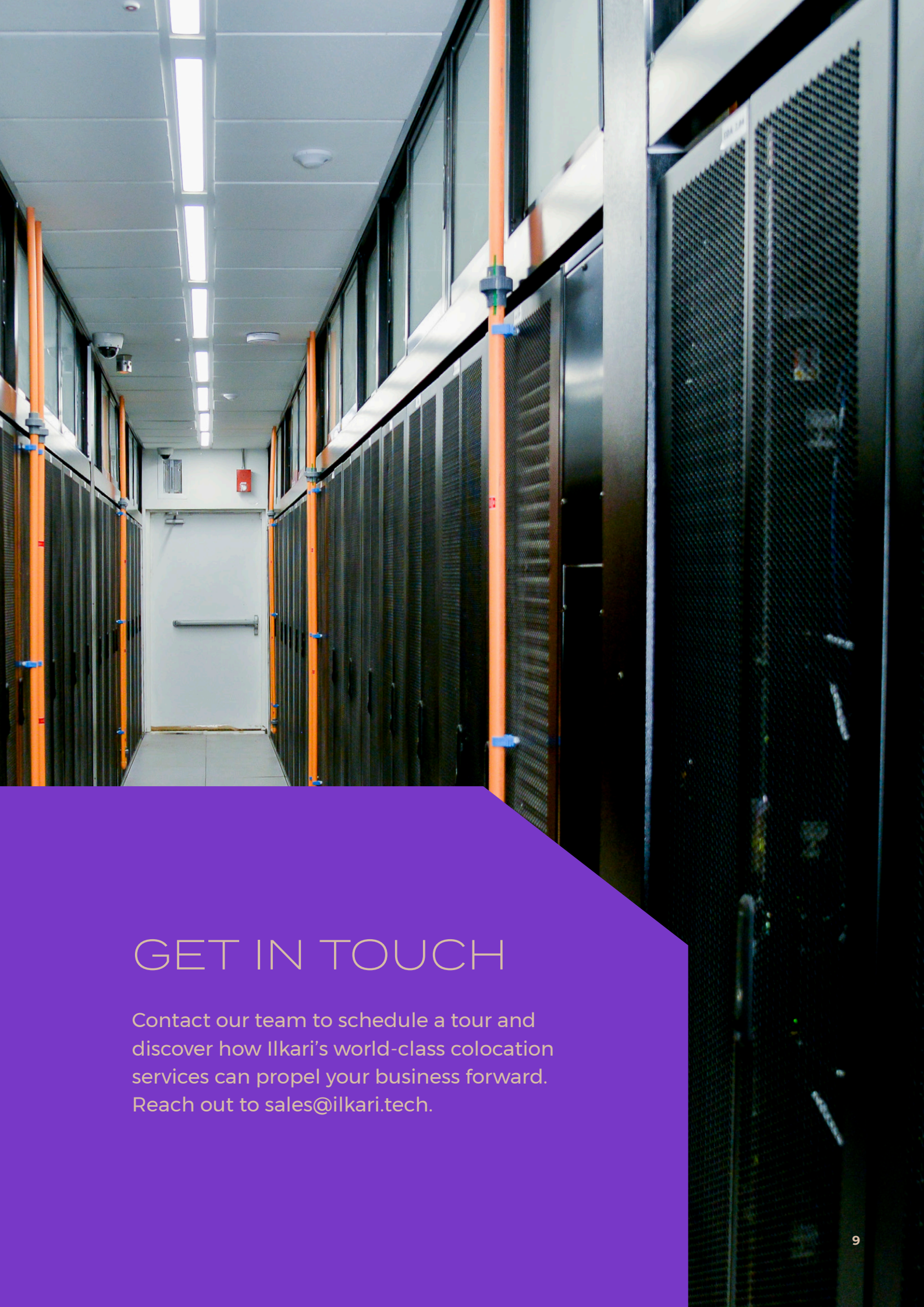
Technology partners



Certification partner



Memberships in international industry alliances



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.

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