



Campus Santiago

The best Data Center and Connectivity infrastructure for the Chilean capital.

Chile boasts the highest HDI in Latin America and a robust economy driven by foreign trade, particularly in agriculture, industry, and services.

The Santiago site offers **scalable colocation** space and serves as a **crucial interconnection point with the world**.

It features **3 redundant and strategically located Data Centers**, supporting businesses of all sizes and sectors.

-  **42 MW Total Power**
-  **51.000 m² Total Area**
-  **4,100 Racks**



Guacolda 2100 | Comuna de Quilicura Región Metropolitana Santiago | Chile |

Why choose the Santiago Campus?

Global Connection and Secure Collaboration

- **Google Cloud Partner Interconnect:** seamlessly integrate with Google Cloud's advanced services.
- **Access PIT Chile:** enhance performance, reduce latency, and diversify peering options at a neutral traffic exchange point.
- **Interconnect** with customers, partners, CDNs, and ISPs. Colocation at Ascenty.
- **Leverage our global presence:** connect with over 300 Digital Realty data centers worldwide.
- **Carrier-Neutral Ecosystem:** our data centers are carrier-neutral, offering flexibility of choice, redundancy, and optimized uptime.



Infrastructure

Security: we provide protection for growth in the digital age.

- Our facilities boast secure physical structures monitored by our specialized team.
- Access control features dual authentication, biometrics, and magnetic card systems.
- CCTV circuits include motion detection, recording, and digital storage.
- 24x7 monitoring.

Power: robust blackout-proof systems.

- Our data center solutions feature redundant and reliable distribution.
- And it includes our own substation.
- Diesel generators provide 48 hours of autonomy without refueling.

Refrigeration: sustainable and efficient maintenance.

- We are committed to energy efficiency, reducing consumption and costs.
- Segregated corridors support equipment maintenance.
- And a chilled water system with air chillers is utilized.

Driving your digital evolution with reliability and security

Ascenty's quality is certified by leading industry bodies, ensuring continuity for your business.



TR3 TUV
Rheinland



Financial
Transactions



Physical
Security
and
Processes



Physical
Security
and
Processes



Physical
Security
and
Processes



Quality
Management



Information
Security
Management



Data Privacy
Management



Environmental
Management



Business
Continuity
Management



Anti-Bribery
Management



Compliance
Management



Occupational
Health and
Safety
Management



Energy
Efficiency
Management



Carbon
Neutral



IT Service
Management

Ascenty: where data meets and connects

Ascenty, a Digital Realty and Brookfield company, is the largest connectivity and data center service provider in Latin America, currently managing 36 data centers in operation and/or under construction in Brazil, Chile, Mexico and Colombia, interconnected by 4,000 km of proprietary fiber-optic network.

The company builds and operates world-class data centers serving the world's largest cloud and technology providers, as well as other customers in the finance, retail, industrial, healthcare and service industries. To support its expansion, Ascenty relies on its shareholders – Brookfield Infrastructure Partners, a Canadian asset management company, and Digital Realty, the world's largest data center company.

In 2024, Ascenty began offering ServiceFabric®, Digital Realty's orchestration platform, to support orchestration between applications, AI and high-performance workloads, clouds, and more than 500 data centers worldwide. To learn more about Ascenty, visit the website.

✓ **100% carbon neutral** and powered by **100% renewable energy**.

✓ **Globally interconnected** data center ecosystem.

✓ **Integrated solutions for hybrid IT infrastructure.**

✓ **Simplified compliance: data centers certified with major industry standards**

100% infrastructure availability SLA.

Consistently achieving excellence in NPS (Net Promoter Score) for **over 5 years**.

4,000 km of proprietary optical fiber.

Total area of over **405,000 m²**.

ascenty.com



For more information: +55 (19) 3517-7600 | contato@ascenty.com

Technical Overview - SCL02 Data Center

Geographical Location:

Address: Guacolda 2100 Comuna de Quilicura, 8710067 Santiago, Región Metropolitana.

Coordinates:

Latitude -33,33723848

Longitude: -70,70512447

Proximity to Infrastructure:

Parking: Yes, inside the area

Airport Proximity: 12 km

Nuclear Power Plant Proximity: No

Railroad Proximity: No

Arterial Road Proximity: Yes, <1km

Space:

Readiness and Capacity: 2023 - 16 MW

IT Capacity: 10 MW

Total Area: 22.000 m2

Colocation Space: Data Halls: - 05 x 2 MW

Building Type: Masonry and drywall

Docks: Yes

Structural Specifications:

Roof Height: 9 m

Ceiling Height: 4 m

Raised Floor Height: 1 m

Raised Floor Load Capacity: 1500 lbs / 680kg

Fire Rating: 90 minutes

Wind Rating: N/A

Seismic Rating: Zone 02

Principal Power System/Substation Details:

Substation Onsite: No

Power Supplier: Enel

Power Type: 23.000V @ 50 Hz

Quantity of Feeds: 02, N+1

Total System Capacity: 15 MW

Secondary Power System/Generator Set:

Type: Diesel Generador + UPS System

Topology: 15 Units, Tribus / 4:3 System , N+1

Capacity: 30.360 kW

Fuel System:

Onsite Diesel Tank Capacity: 345.000 l

Onsite Diesel Tank Autonomy: 48 hours

Proximity to Diesel Fuel Filling Station: 3 km

Fuel Service Contracts with SLA Delivery? Yes, up to 4 hours

Battery String:

Battery System Type: Lithium-Ion battery

Battery Backup Time: 6 minutes

UPS:

Type: Static UPS

Topology: Distributed Redunancy (N+1)

Capacity: 24.000 kVA

Cooling System:

System Type: Water Chiller

System Specifications: Closed Circuit Water - CRAHs

Compressor Quantity: 12 units

Evaporation Tower: N/A

Cooling Units: 65 units

Fresh Air Economizer: Yes

Condenser Type: Air cooled

Method for Distributed Cooling Flow: Under Raised Floor

Physical Security/Physical Patrol:

Authentication Level: Badge Reader and Biometric

Availability: 24x7

Coverage: Entire data center

Closed Circuit Television (CCTV):

Camera Type: Cameras Dome P3265 - Inside the data hall

Monitoring Capabilities: 24x7 - Recording 92 days as standard

Camera Type:

Fire Suppression System: DRY-PIPE

Fire Suppression Type: Water dispersion

Services Available:

Colocation: Yes

Smart Hands: Yes

Cloud Connect: No

Service Fabric: No

Connectivity: Internet bandwidth, Dark Fiber Yes. On demand