



# SIN01

Sines, Portugal

Site Coordinates: 37.934961, -8.812558  
c. 90 km south of Lisbon<sup>1</sup>

State of the art facility, purpose-built for **high-density, AI, Cloud and HPC workloads**, is now operational and ready to **support global customer deployments**.

Proven AI-readiness, with a design that supports rack densities of **up to 150kW per rack** and **integrates liquid cooling**.

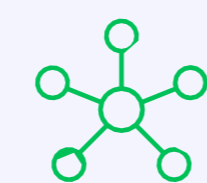
<sup>1</sup> Medido em linha reta



Among the **lowest-cost energy locations** in Europe, offering access to **100% renewable power**



**Unmatched efficiency**, using an ocean-water cooling system that delivers an **industry-leading PUE** and **negligible WUE**



**Low and ultra-low latency** across all major cities in Europe (<35ms max.) and the Americas (<70ms max.)

**37,5 MWIT**  
capacity live

**c.17,500 m<sup>2</sup>**  
DC facility size

**2x60 kV**  
utility service



# Start Campus

## General

Availability	Fully Operational and leased as off end-October 2025
Building	New build, 1 story building Part of a 6-building, 1.2 GW IT campus
Base Build design	Tier III-equivalent
Data Halls	3, with possible cages
Office / Storage	Available upon request
Access	24/7
Loading docks	Three bays
Others	Security and Ops 24/7 Remote hands available
Certifications	OCP Ready for Hyperscale ISO27001 ; Leed Gold

## Security

Personnel	24/7 manned security
CCTV	360° video-analytics (interior/exterior)
Access control	Biometric & MFA access control system
Perimeter	Anti-climb security metal fencing with intrusion detection
Defense In Depth	Multiple concentric security layers
Integration	Integrated Physical Security system



➤ Take a [virtual site tour](#)

## Power

Utility Providers	E-Redes
Utility Power	2N High Voltage 60kV feeds
Power Distribution	2N Medium Voltage 11kV
Power Usage	Revenue-grade metering; option of pass-through, fixed or hybrid pricing
UPS	Distributed redundant LV & UPS backup
Back-up power	24h HVO-fueled Gen system

## Cooling

System	Heat rejection to a Sea Water System and chiller system as back-up
Flexibility	<ul style="list-style-type: none"><li>• 100% Liquid cooling</li><li>• Air cooling (fan walls)</li><li>• Hybrid air &amp; liquid cooling</li></ul>
Service	Concurrently maintainable
Reliability	N+1 redundancy, dual power source, 2N piping; fault-tolerant with thermal storage for uninterrupted cooling

## Telecom

Entry points	Four diverse entry points
Meet-Me Rooms	Two independent MMRs
Carrier Neutral	Multiple carrier access
Cable Landing	Sines <4 miles away (EllaLink, Nuvem <sup>1</sup> )

Note: CLS stands for Cable Landing Station; <sup>1</sup> From 2026 onwards

