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nLighten edge data center

Sophia Antipolis I.

NCE1

A key town on the magnificent French Riviera, Antibes has a unique appeal: breathtaking Mediterranean scenery and a technology park that has been highly acclaimed since the 1980s. "Sophia Antipolis" (Antipolis is the ancient Greek name for Antibes) is booming just behind Paris. A growth center for technology and telecommunications, Antibes is home to the French headquarters of several major telecommunications companies, including Orange and SFR, and brings together more than 2,500 businesses involved in cutting-edge scientific research in the fields of information and communication technologies (ICT), multimedia (cybersecurity, traveltech, IoT), life sciences (medicine, biochemistry, agronomy), energy, water management, risks and sustainable development. The nLighten data center plays an essential role in guaranteeing faultless availability of IT infrastructure and maximum data security.

nLighten Sophia Antipolis I.
49, rue Emile Hugues
06600 Antibes Sophia-Antipolis

Location specifics.

The data center is conveniently located in northern Antibes, close to the A8 motorway and just 15 minutes by car from Nice Airport and 10 minutes from Antibes train station. The data center has an area of 1,500 m², 800 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Antibes location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and an established ecosystem of partners, all there to optimally support our customers' IT environment.

Highlights.

1,500 m²
of edge data center space

800 kW
proposed end-state site capacity

AI-readiness:
Design build of up to 50+ kW rear-door cooling

Sustainability:
Commitment to a net-zero carbon footprint

Compliance:
ISO27001 in all locations

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Edge data center Sophia Antipolis I
Features.

DATA CENTER

Location	Conveniently located for easy access by road and public transport	✓
Design	Tier III design target	✓
Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas	✓
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	✓
Compliance	ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	✓

POWER

Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity	**800 kW**
Design power usage effectiveness (PUE) all phases	**1.29**
Standard density	**2 – 7 kW available**
High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)	**New rooms**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	**Feasibility study**
Commitment to a carbon-free energy footprint	**Zero carbon/nuclear**

SECURITY

Dual factor access control (pin / biometrics); five lines of defence design target	✓
CCTV – Full coverage, storage in compliance with local laws	✓
Fire suppression in the data hall	✓

SUPPORT

24/7 service desk and 24/7 access to NOC services	✓
24/7 remote hands	✓
On-site staffing	**Office hours**

Want to know more? Have any questions? Or simply want to get in touch with us?
Send us an email at ***FR@nLighten.eu***.