



nLighten edge data center

# Sophia Antipolis II.

NCE2



**nLighten Sophia Antipolis II.**

930, route des Dolines  
06560 Valbonne Sophia Antipolis

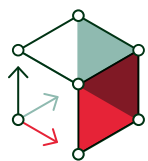
Located on the French Riviera, Valbonne is home to half of the Sophia-Antipolis technology park. Just next to Antibes, it is an exceptionally well-preserved 2,400-hectare site. Ideally located between the sea and the mountains, it has rapidly established itself as a thriving center for technology and innovation. For almost 50 years, Valbonne Sophia-Antipolis has attracted industrial leaders, engineers and researchers from all over the world. It is a benchmark destination for R&D and technological activities. Related specialities in the fields of health, chemistry, life sciences and the environment rub shoulders here. This hyper-dynamic city is also home to innovative start-ups in artificial intelligence and one of the two nLighten data centers on the Côte d'Azur. Our data centers provide all these companies with world-class connectivity, consolidating the city's position as a leading technology and telecommunications center.

## Location specifics.

**The data center is conveniently located north-western of Antibes**, 14 minutes by bus from Antibes train station and just 15 minutes by car from Nice Airport. The data center has an area of 700 m<sup>2</sup>, 900 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Valbonne 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.



**700 m<sup>2</sup>**  
of edge data center space



**900 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

## Edge data center Sophia Antipolis II Features.

 <p>close · coupled · connected</p> <p><b>DATA CENTER</b></p>	<table border="1"> <tbody> <tr> <td><b>Location</b></td> <td>Conveniently located for easy access by road and public transport</td> <td>✓</td> </tr> <tr> <td><b>Design</b></td> <td>Tier III design target</td> <td>✓</td> </tr> <tr> <td><b>Connectivity</b></td> <td>Carrier-neutral data center with diverse fibre entry points and meet-me areas</td> <td>✓</td> </tr> <tr> <td><b>Cooling</b></td> <td>Cooling and humidity design complying with ASHRAE A1 allowable category</td> <td>✓</td> </tr> <tr> <td><b>Compliance</b></td> <td>ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301</td> <td>✓</td> </tr> </tbody> </table>	<b>Location</b>	Conveniently located for easy access by road and public transport	✓	<b>Design</b>	Tier III design target	✓	<b>Connectivity</b>	Carrier-neutral data center with diverse fibre entry points and meet-me areas	✓	<b>Cooling</b>	Cooling and humidity design complying with ASHRAE A1 allowable category	✓	<b>Compliance</b>	ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	✓	
<b>Location</b>	Conveniently located for easy access by road and public transport	✓															
<b>Design</b>	Tier III design target	✓															
<b>Connectivity</b>	Carrier-neutral data center with diverse fibre entry points and meet-me areas	✓															
<b>Cooling</b>	Cooling and humidity design complying with ASHRAE A1 allowable category	✓															
<b>Compliance</b>	ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	✓															
 <p><b>POWER</b></p>	<table border="1"> <tbody> <tr> <td>Redundant power with independent A and B feeds to each cabinet</td> <td>✓</td> </tr> <tr> <td>Proposed end-state site capacity</td> <td><b>900 kW</b></td> </tr> <tr> <td>Design power usage effectiveness (PUE) all phases</td> <td><b>1.29</b></td> </tr> <tr> <td>Standard density</td> <td><b>2 – 7 kW available</b></td> </tr> <tr> <td>High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)</td> <td><b>New rooms</b></td> </tr> </tbody> </table>	Redundant power with independent A and B feeds to each cabinet	✓	Proposed end-state site capacity	<b>900 kW</b>	Design power usage effectiveness (PUE) all phases	<b>1.29</b>	Standard density	<b>2 – 7 kW available</b>	High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)	<b>New rooms</b>						
Redundant power with independent A and B feeds to each cabinet	✓																
Proposed end-state site capacity	<b>900 kW</b>																
Design power usage effectiveness (PUE) all phases	<b>1.29</b>																
Standard density	<b>2 – 7 kW available</b>																
High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)	<b>New rooms</b>																
 <p><b>SUSTAINABILITY</b></p>	<table border="1"> <tbody> <tr> <td>Heat recovery; residual redirected to local heating networks</td> <td><b>Feasibility study</b></td> </tr> <tr> <td>Commitment to a carbon-free energy footprint</td> <td><b>Zero carbon/nuclear</b></td> </tr> </tbody> </table>	Heat recovery; residual redirected to local heating networks	<b>Feasibility study</b>	Commitment to a carbon-free energy footprint	<b>Zero carbon/nuclear</b>												
Heat recovery; residual redirected to local heating networks	<b>Feasibility study</b>																
Commitment to a carbon-free energy footprint	<b>Zero carbon/nuclear</b>																
 <p><b>SECURITY</b></p>	<table border="1"> <tbody> <tr> <td>Dual factor access control (pin / biometrics); five lines of defence design target</td> <td>✓</td> </tr> <tr> <td>CCTV – Full coverage, storage in compliance with local laws</td> <td>✓</td> </tr> <tr> <td>Fire suppression in the data hall</td> <td>✓</td> </tr> </tbody> </table>	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	✓										
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	✓																
 <p>24/7</p> <p><b>SUPPORT</b></p>	<table border="1"> <tbody> <tr> <td>24/7 service desk and NOC services, 24/7 access</td> <td>✓</td> </tr> <tr> <td>24/7 remote hands</td> <td>✓</td> </tr> <tr> <td>On-site staffing</td> <td><b>Office hours</b></td> </tr> </tbody> </table>	24/7 service desk and NOC services, 24/7 access	✓	24/7 remote hands	✓	On-site staffing	<b>Office hours</b>										
24/7 service desk and NOC services, 24/7 access	✓																
24/7 remote hands	✓																
On-site staffing	<b>Office hours</b>																