

close · coupled · connected



nLighten edge data center

Sophia Antipolis II.



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 hyperdynamic 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.



nLighten Sophia Antipolis II. 930, route des Dolines 06560 Valbonne Sophia Antipolis

Location specifics.

The data center is conveniently located northwestern 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 m², 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.





900 kW

proposed end-state site capacity



Al-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.

	Location	Conveniently located for easy access by road and public transport	√
nliahten	Design	Tier III design target	- -
close · coupled · connected	Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas	▽
DATA CENTER	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	√
	Dodundant no	war with independent A and B feeds to each cabinet	
	Redundant power with independent A and B feeds to each cabinet		900 kW
	Proposed end-state site capacity Design power usage effectiveness (PUE) all phases		
	Standard density		2 – 7 kW available
POWER	High density positions up to 12 kW Air-cooling and		New rooms
	50+ kW rear d	oor-cooling (Al-ready)	_
	50+ kW rear d	oor-cooling (Al-ready)	
~ • • • • • • • • • • • • • • • • • • •		oor-cooling (Al-ready) residual redirected to local heating networks	Feasibility study
	Heat recovery		
USTAINABILITY	Heat recovery	residual redirected to local heating networks	
USTAINABILITY	Heat recovery Commitment	residual redirected to local heating networks to a carbon-free energy footprint cess control (pin / biometrics); five lines of	
USTAINABILITY	Heat recovery Commitment Dual factor accedefence design	residual redirected to local heating networks to a carbon-free energy footprint cess control (pin / biometrics); five lines of	Zero carbon/nuclea
USTAINABILITY	Dual factor ac defence design	residual redirected to local heating networks to a carbon-free energy footprint cess control (pin / biometrics); five lines of n target	Zero carbon/nuclea
	Dual factor acdefence designated CCTV – Full confirmed Fire suppression	residual redirected to local heating networks to a carbon-free energy footprint cess control (pin / biometrics); five lines of n target overage, storage in compliance with local laws on in the data hall	Zero carbon/nuclea
	Dual factor acdefence designated CCTV – Full confirmed Fire suppression	residual redirected to local heating networks to a carbon-free energy footprint cess control (pin / biometrics); five lines of n target overage, storage in compliance with local laws on in the data hall esk and NOC services, 24/7 access	Zero carbon/nuclea

SUPPORT