



nLighten edge data center

# Amsterdam I.

AMS1

Amsterdam is the capital and vibrant centre of the Netherlands. The city is known for its artistic heritage, an extensive canal system (“Grachten”) and narrow houses with gabled facades that date back to the city’s Golden Age in the 17th century. In the eastern part of the city is the Amsterdam Science Park and Startup Village, an important centre for information technology, life sciences, chemistry and advanced technology. Amsterdam is also an important international internet hub. nLighten’s presence in Amsterdam offers exceptional data centre services that meet the needs of businesses and strengthen the city’s position as a technology and innovation hub.



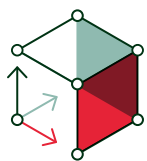
**nLighten Amsterdam I.**  
Gyroscopweg 134–140  
1042 AZ Amsterdam

## Location specifics.

**The data centre is conveniently located west of Amsterdam’s city centre**, just off the major A5 motorway and the A10 ring road and only 20 minutes by car from Amsterdam Schiphol Airport. The data centre has an area of 2,237 m<sup>2</sup>, a capacity of 1,100 kW, an office area and a large car park.

Like the other nLighten facilities, the Amsterdam 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 a growing ecosystem of partners, all there to optimally support our customers’ IT environment.

## Highlights.



**2,237 m<sup>2</sup>**

of edge data center space



**1,100 kW**

proposed end-state  
site capacity








Sustainability:  
Commitment to a net-zero  
carbon footprint



Compliance:  
ISO27001 in all locations

## Edge data center Amsterdam I Features.

 close · coupled · connected <b>DATA CENTER</b>	<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>POWER</b>	Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity		<b>1,100 kW</b>	
Design power usage effectiveness (PUE) all phases		<b>1.35</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>No</b>	
 <b>SUSTAINABILITY</b>	Heat recovery; residual redirected to local heating networks	<b>Feasibility study ongoing</b>	
	Commitment to a carbon free energy footprint	<b>Green certificates</b>	
 <b>SECURITY</b>	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	<b>Under installation</b>	
 <b>SUPPORT</b>	24/7 service desk and 24/7 access to NOC services	✓	
	24/7 remote hands	✓	
	24/7 On-site staffing	✓	