



nLighten edge data center

Amsterdam II.

AMS2

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.



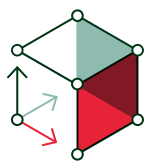
nLighten Amsterdam II
Schiphol Rijk.
 Koolhovenlaan 120
 1119 NH Amsterdam

Location specifics.

The data center is located in the southwest of Amsterdam, close to the A4 motorway and just 10 minutes by car from Amsterdam Schiphol Airport.

Like the other nLighten facilities, the Amsterdam 2 (AMS2) 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.



3,600 m²

of edge data center space



4,200 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 Amsterdam II Features.

 close · coupled · connected 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		4,200 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 ongoing	
	Commitment to a carbon-free energy footprint	Green certificates	
 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	✓	
 24/7 SUPPORT	24/7 service desk and 24/7 access to NOC services	✓	
	24/7 remote hands	✓	
	On-site staffing	Office hours	