



Dominated by the twin spires of its famous cathedral, Cologne is the largest city in North Rhine-Westphalia. It is also an important commercial centre, especially for the automotive, insurance, media and chemical industries, making it a key regional communications hub. The nLighten data center optimally supports this key industrial heartland and its surrounding areas.

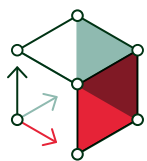
**nLighten Cologne.**

Max-Planck-Straße 36
50354 Hürth

Location specifics.**The data center is conveniently located,**

just off the A4 motorway, 6 km from Cologne city center, and 30 minutes by car from the two nearby airports. The data center has an area of 1,960 m², 1,800 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Cologne 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.**1,960 m²**

of edge data center space

**1,800 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

[Explore our certifications](#)

Edge data center Cologne Features.

nlighten
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 We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. Explore our certifications	✓



POWER

Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity	1,800 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)	Phase 2



SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	Feasibility study
Commitment to a carbon-free energy footprint	Green certificates upon request, CFE scoring commitment



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