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nLighten edge data center
Stuttgart.

STR1

With its slogan "Where business meets the future", Stuttgart highlights its strong high-tech and engineering industries – especially in the automotive sector – as well as its tradition of innovation. In fact, no other German city registers as many patents as Stuttgart, which boasts an exceptional density of research, educational and scientific institutions. The nLighten data center in Stuttgart plays a significant role in connecting business with the future and has already served local industry as a connectivity hub for many years.

nLighten Stuttgart.
Breitwiesenstraße 28
70565 Stuttgart

Location specifics.

The data center is conveniently located in southern Stuttgart, close to the A8 and A27 motorways and just 10 minutes by car from Stuttgart Airport. Location specifics anpassen: The data center has an area of 1,450 m², 1,200 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Stuttgart 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.

1,450 m²
of edge data center space

1,200 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

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Edge data center Stuttgart
Features.

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	**1,200 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)	**Phase 2**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	✓
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**

Want to know more? Have any questions? Or simply want to get in touch with us?
Send us an email at ***DE@nLighten.eu***.