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nLighten edge data center
Ghent.

BRU1

Steeped in rich history and vibrant culture, Ghent is a thriving city pulsating with an innovative spirit. Its diverse economy and strong focus on technology and research make it an ideal destination for businesses seeking growth opportunities. With its dynamic economic environment and forward-thinking approach, Ghent is where businesses flourish and connect with the future. The city's commitment to digitalization has propelled it to the forefront of innovation, making it a center for cutting-edge enterprises. Ghent's robust telecommunications infrastructure provides businesses with high-speed connectivity and seamless communication channels. The nLighten data center plays a key role in supporting the city's technological advancement, offering state-of-the-art data center services that empower businesses to thrive.
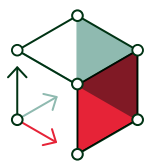
nLighten Ghent.
Industriepark 2H
9820 Merelbeke

Location specifics.

The data center is located in the south of Ghent in Merelbeke, close to the E40 motorway and just 1 hour by car from Brussels Airport.

Like the other nLighten facilities, the Ghent 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.

1,400 m^2
of edge data center space

800 kW
proposed end-state site capacity

Sustainability:
Commitment to a net-zero carbon footprint

Compliance:
ISO27001 in all locations

Edge data center Ghent Features.

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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	**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)	**No**

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**

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