



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.



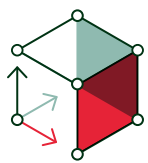
**nLighten Ghent.**  
Industriepark 2  
9820 Merelbeke

## 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<sup>2</sup>**

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.

|  |  |  |   |   |                           |   |                     |                     |   |  |                |   |   |                   |   |   |  |
|--|--|--|---|---|---------------------------|---|---------------------|---------------------|---|--|----------------|---|---|-------------------|---|---|--|
| <br>close · coupled · connected<br><b>DATA CENTER</b> | <table border="1"> <tbody> <tr> <td><b>Location</b></td> <td>Conveniently located for easy access by road and public transport</td> <td>✓</td> </tr> <tr> <td><b>Design</b></td> <td>Tier III design target</td> <td>✓</td> </tr> <tr> <td><b>Connectivity</b></td> <td>Carrier-neutral data center with diverse fibre entry points and meet-me areas</td> <td>✓</td> </tr> <tr> <td><b>Cooling</b></td> <td>Cooling and humidity design complying with ASHRAE A1 allowable category</td> <td>✓</td> </tr> <tr> <td><b>Compliance</b></td> <td>ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301</td> <td>✓</td> </tr> </tbody> </table> | <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 | ✓ |  |
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| <b>Design</b>  | Tier III design target   | ✓  |   |   |                           |   |                     |                     |   |  |                |   |   |                   |   |   |  |
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| <br><b>POWER</b>                                      | <table border="1"> <tbody> <tr> <td>Redundant power with independent A and B feeds to each cabinet</td> <td>✓</td> </tr> <tr> <td>Proposed end-state site capacity</td> <td><b>800 kW</b></td> </tr> <tr> <td>Design power usage effectiveness (PUE) all phases</td> <td><b>1.29</b></td> </tr> <tr> <td>Standard density</td> <td><b>2–7 kW available</b></td> </tr> <tr> <td>High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)</td> <td><b>No</b></td> </tr> </tbody> </table>  | Redundant power with independent A and B feeds to each cabinet                     | ✓   | Proposed end-state site capacity                            | <b>800 kW</b>             | Design power usage effectiveness (PUE) all phases | <b>1.29</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>      |   |   |                   |   |   |  |
| Redundant power with independent A and B feeds to each cabinet   | ✓  |  |   |   |                           |   |                     |                     |   |  |                |   |   |                   |   |   |  |
| Proposed end-state site capacity   | <b>800 kW</b>  |  |   |   |                           |   |                     |                     |   |  |                |   |   |                   |   |   |  |
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| <br><b>SECURITY</b>                                 | <table border="1"> <tbody> <tr> <td>Dual factor access control (pin / biometrics); five lines of defence design target</td> <td>✓</td> </tr> <tr> <td>CCTV – full coverage, storage in compliance with local laws</td> <td>✓</td> </tr> <tr> <td>Fire suppression in the data hall</td> <td>✓</td> </tr> </tbody> </table>   | 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                 | ✓                   |                     |   |  |                |   |   |                   |   |   |  |
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| <br><b>SUPPORT</b>                                  | <table border="1"> <tbody> <tr> <td>24/7 service desk and 24/7 access to NOC services</td> <td>✓</td> </tr> <tr> <td>24/7 remote hands</td> <td>✓</td> </tr> <tr> <td>On-site staffing</td> <td><b>Office hours</b></td> </tr> </tbody> </table>   | 24/7 service desk and 24/7 access to NOC services                                  | ✓   | 24/7 remote hands   | ✓                         | On-site staffing                                  | <b>Office hours</b> |                     |   |  |                |   |   |                   |   |   |  |
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