

close · coupled · connected



As well as forming the heart of Germany's financial services industry, Frankfurt is also the country's key data center, IT and telecommunications hub. It offers multiple long-distance international networks as well as excellent access, with a wide range of public transport offerings. For nLighten, all these advantages made it a natural choice in which to establish one of our first German data centers.



## **nLighten Frankfurt.**Schwalbacher Straße 60–62 65760 Eschborn

## Location specifics.

**The data center is conveniently located in Eschborn,** on the main road just off the A5 motorway, 350 meters from a train station and just 15 minutes by car from Frankfurt Airport and from Frankfurt's central train station. The data center has an area of almost 2,496 m², 4,800 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Frankfurt 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.





FRA1

4,800 kW

proposed end-state site capacity



Al-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 Frankfurt Features.



|               | Location                                                                                         | Conveniently located for easy access by road and nublic                                                                                                                            |                                                         |
|---------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
|               | Location                                                                                         | Conveniently located for easy access by road and public transport                                                                                                                  | <b>√</b>                                                |
|               | Design                                                                                           | Tier III design target                                                                                                                                                             |                                                         |
| nlighten      | Connectivity                                                                                     | Carrier-neutral data center with diverse fibre entry points and meet-me areas                                                                                                      | <b>\(\sigma\)</b>                                       |
| DATA CENTER   | 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 | <b>√</b>                                                |
|               | Podundant no                                                                                     | wer with independent A and B feeds to each cabinet                                                                                                                                 |                                                         |
|               | Redundant power with independent A and B feeds to each cabinet  Proposed end-state site capacity |                                                                                                                                                                                    | 4,800 kW                                                |
|               | Design power usage effectiveness (PUE) all phases                                                |                                                                                                                                                                                    | 1.29                                                    |
|               | Standard density                                                                                 |                                                                                                                                                                                    | 2 – 7 kW availabl                                       |
| POWER         |                                                                                                  |                                                                                                                                                                                    |                                                         |
| POWER         |                                                                                                  | ositions up to 12 kW Air-cooling and<br>oor-cooling (Al-ready)                                                                                                                     | Phase 2                                                 |
|               | 50+ kW rear d                                                                                    |                                                                                                                                                                                    |                                                         |
| ISTAINABILITY | Heat recovery  Commitment  Dual factor acdefence design  CCTV – Full co                          | cess control (pin / biometrics); five lines of                                                                                                                                     | Green certificates upon request,                        |
|               | Heat recovery  Commitment  Dual factor acdefence design  CCTV – Full co                          | cess control (pin / biometrics); five lines of n target                                                                                                                            | Green certificates upon request, CFE scoring commitment |
| ISTAINABILITY | Heat recovery  Commitment  Dual factor acdefence design  CCTV - Full compression                 | cess control (pin / biometrics); five lines of n target                                                                                                                            | Green certificates upon request, CFE scoring commitment |
| ISTAINABILITY | Heat recovery  Commitment  Dual factor acdefence design  CCTV - Full compression                 | cess control (pin / biometrics); five lines of n target  overage, storage in compliance with local laws on in the data hall  esk and 24/7 access to NOC services                   | Green certificates upon request, CFE scoring commitment |