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nLighten edge data center
Zurich.

ZRH1

As a global center for banking and finance, Zurich is a powerhouse renowned for its robust economy, cutting-edge innovation, and exceptional quality of life. Its diverse and dynamic business landscape offers unparalleled opportunities for enterprise. Zurich is the epitome of where business meets innovation, providing a stimulating environment where creativity, entrepreneurship, and technological advancements converge to shape the future of industry. The city's unwavering commitment to digitalization makes it a global leader in technology and research, with robust telecommunications infrastructure ensuring high-speed connectivity and seamless digital communication channels. The nLighten data center serves as a cornerstone of Zurich's technological infrastructure, empowering businesses with state-of-the-art facilities and unparalleled reliability to thrive in an increasingly interconnected world.
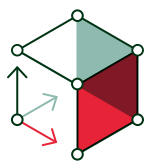
nLighten Zürich.
Josefstrasse 225
8005 Zürich

Location specifics.

The data center is conveniently located near the central station and just 15 minutes by car from Zurich Airport.

Like the other nLighten facilities, the Zurich 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.

1,439 m^2
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

Edge data center Zurich
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	**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)	**New rooms**

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	☑

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 *CH@nlighten.eu.*