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nLighten edge data center

Lyon.

LYS1

Lyon, located in the heart of the Auvergne-Rhône-Alpes region, is the third-largest city in France. Its economy is historically one of the most dynamic in the country. Lyon is an important telecommunications center and leads nationally important clusters such as the Digital League and French Tech. More than 500 businesses in the region's digital sector provide a full range of services to cutting-edge across the engineering, digital, cybersecurity and neuroscience industries. Lyon is located across both banks of the Rhône and offers many advantages, including a highly skilled workforce, a business-friendly environment and excellent connectivity. By strengthening its expertise in life sciences, software and digital, green technologies, creative industries and technical textiles, the Lyon metropolis has created competitiveness clusters that have attained international significance. As a central point on the Paris–Marseille axis, Lyon is well served by air, rail and road transport to connect to the rest of France and Europe and – thanks to the nLighten data centre – also digitally.

nLighten Lyon.
45–47, rue Francis de Pressensé
69100 Villeurbanne

Location specifics.

The data center is conveniently located in Villeurbanne, a part of Lyon, 11 minutes by car from Lyon-Part-Dieu train station, 5 minutes from the nearest metro station and just 25 minutes from Lyon Airport. The data center has an area of 560 m², 600 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Lyon 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 an established ecosystem of partners, all there to optimally support our customers' IT environment.

Highlights.

560 m²
of edge data center space

600 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 Lyon 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	**600 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**
Commitment to a carbon-free energy footprint	**Zero carbon/nuclear**

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?
Find out more on ***www.nLighten.com***.