nlighten
close · coupled · connected

nLighten edge data center
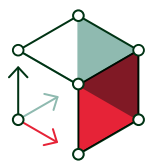# Besançon.

MLH1

At the center of Western Europe on the Rhine−Rhône axis, Besançon occupies a privileged position less than 4 hours from Europe's major high-tech industrial regions, making it the second-most attractive city in France. A prosperous metropolis of astonishing modernity, it combines an ultra-connected area with a high quality of life. Besançon has extensive transport connections and, facilitates the establishment of industrial professions as well as those related to ecology and the energy transition, while supporting innovation thanks to its university campus of excellence that is renowned in the microtechnology, medtech, biotech, mobility and digital fields. nLighten is proud to play a role in supporting this dynamic ecosystem of telecommunications and technology by providing essential state-of-the-art computing and colocation services for companies of all sizes in the region.

nLighten Besançon.
2, rue Albert Einstein
25000 Besançon

Location specifics.

The data center is conveniently located in the western part of Besançon, close to the N57 motorway and just 15 minutes by car from the Besançon-Viotte train station. The data center has an area of 300 m², 300 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Besançon 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.

300 m^2
of edge data center space

300 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 Besançon
Features.

nlighten
close · coupled · connected

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	**300 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?
Send us an email at *FR@nLighten.eu.*