

close · coupled · connected





At the center of Western Europe on the Rhine—Rhône axis, Besançon occupies a privileged position less than 4 hours from Europe's major hightech industrial regions, making it the second-most attractive city in France. A prosperous metropolis of astonishing modernity, it combines an ultraconnected 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 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

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Edge data center Besançon Features.

	Location	Conveniently located for easy access by road and public transport	~
	Design	Tier III design target	- - - - - - - - - - - -
nlighten	Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas	
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	ſ ▽
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	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
			<u> </u>
POWER	High density p	oositions up to 12 kW Air-cooling and oor-cooling (Al-ready)	New rooms
POWER	High density p 50+ kW rear d		Feasibility study
	High density p 50+ kW rear d Heat recovery Commitment	oor-cooling (Al-ready) ; residual redirected to local heating networks	Feasibility study Zero carbon/nuclea
	High density p 50+ kW rear d Heat recovery Commitment Dual factor ac defence desig	cess control (pin / biometrics); five lines of n target	Feasibility study Zero carbon/nuclea
	High density p 50+ kW rear d Heat recovery Commitment Dual factor ac defence desig CCTV – Full co	cess control (pin / biometrics); five lines of n target	Feasibility study Zero carbon/nuclear
POWER STAINABILITY SECURITY	High density p 50+ kW rear d Heat recovery Commitment Dual factor ac defence desig CCTV – Full co	cess control (pin / biometrics); five lines of n target	Feasibility study Zero carbon/nuclear
STAINABILITY	High density p 50+ kW rear d Heat recovery Commitment Dual factor ac defence desig CCTV – Full co	cess control (pin / biometrics); five lines of n target	Feasibility study Zero carbon/nuclear
STAINABILITY	High density p 50+ kW rear d Heat recovery Commitment Dual factor ac defence desig CCTV – Full co	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	Feasibility study Zero carbon/nuclear