



BRS1

Bristol is located in the southwest of England and has a rich seafaring history. Today, the former port in the city center is a cultural center, and Bristol is known for its thriving street art scene. The city attracts many companies, and this dynamic environment has propelled Bristol into a hotspot for cutting-edge enterprises. Bristol's robust economy and advanced technology landscape have made the city a hotspot for cutting-edge enterprises, attracting many companies. This dynamic environment has firmly positioned Bristol as a key player in the UK's business landscape. The nLighten data center in Bristol offers essential colocation and edge computing services, and plays a pivotal role in reinforcing the city's telecommunications infrastructure.

**nLighten Bristol.**

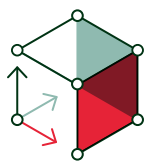
1120 Park Ave
Aztec W
BS32 4SX Bristol

Location specifics.

The data center is conveniently located in the north of Bristol, close to the M5 motorway and just 35 minutes by car from the Bristol airport.

The data center has an area of 2,040 m², 3,150 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Bristol 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.**2,040 m²**

of edge data center space

**3,150 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

[Explore our certifications](#)

Edge data center Bristol 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 We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. Explore our certifications	✓



POWER

Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity	3,150 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	Green certificates upon request, CFE scoring commitment



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	✓



24/7

SUPPORT

24/7 service desk and 24/7 access to NOC services	✓
24/7 remote hands	✓
On-site staffing	Office hours