# **Nottingham.**

EMA1

Nottingham, known for its vibrant cultural scene, is also the largest economic area in the East Midlands. With a diverse population and a growing reputation as a hub for business start-ups and scale-ups, Nottingham attracts entrepreneurs and innovators, and it has been identified by recent studies as a top choice for aspiring business owners. Therefore, it is no surprise that nLighten runs a data center in this dynamic city, providing crucial support to the local business community and contributing to Nottingham's growing prominence in business and technology.

## nlighten

close · coupled · connected



**nLighten Nottingham.** Blenheim Industrial Estate, 1 Bennerley Rd NG6 8UY Nottingham

#### Location specifics.

**The data center is conveniently located in the north of Nottingham,** close to the M1 motorway and just 25 minutes from Nottingham City Airport. The data center has an area of 8,750 m<sup>2</sup>, 4,200 kW of power, an office area and ample parking space. Like the other nLighten facilities, the Nottingham 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.



### Edge data center Nottingham Features.

	Location	Conveniently located for easy access by road and public transport	
nlighten	Design	Tier III design target	
close · coupled · connected	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, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	

Redundant power with independent A and B feeds to each cabinet	$\overline{\checkmark}$
Proposed end-state site capacity	4,200 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 (Al-ready)	New rooms

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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



POWER

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

Want to know more? Have any questions? Or simply want to get in touch with us? Send us an email at <u>UK@nLighten.eu</u>.