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nLighten edge data center

# Milton Keynes.

LTN1

Milton Keynes, in the heart of the UK, is located about halfway between London and Birmingham, and is equidistant from Leicester, Oxford and Cambridge. It boasts a flourishing technology landscape, attracting a wide range of businesses and making it a magnet for innovation. Milton Keynes' strategic location and investment in digital infrastructure have turned it into a key telecommunications center. The nLighten data center in Milton Keynes plays a vital role in supporting the region's businesses and organizations, further solidifying its reputation.

**nLighten Milton Keynes.**
1 Brick Cl
Kiln Farm
MK11 3JB Milton Keynes

## Location specifics.

**The data center is conveniently located in the west of Milton Keynes,** close to the M1 and A5 and just 1 hour and 20 minutes by car from London Heathrow Airport. The data center has an area of 500 m², 6,000 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Milton Keynes 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.

500 m²
of edge data center space

6,000 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 Milton Keynes 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 | **6,000 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 | ✓ |

## 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 ***UK@nLighten.eu***.