



Case study

Built to Scale.

How *Conscious Solutions* future-proofed their infrastructure with nLighten's resilient edge data center in Bristol.

Conscious Solutions.

For over 20 years, Conscious Solutions has helped law firms succeed online. Given the sensitive nature of legal work, data security and uptime are paramount. Their diverse team includes former law firm professionals, as well as experts in marketing, journalism, and engineering.



Conscious Solutions supports firms of all sizes with digital marketing—designing websites, improving search rankings, and running PPC campaigns—all aimed at enhancing a law firm's online presence.

Previously, the company hosted internal systems and client test sites in an in-house server room. However, their October 2024 office move required the seamless relocation of their technical environment.



Key Requirements.

Conscious Solutions needed a reliable and secure hosting solution to support their operations and client services during their office relocation. Ensuring minimal disruption, they required a robust infrastructure that could guarantee high availability, strong security measures, and seamless connectivity. Additionally, uninterrupted access to critical systems was essential to maintain business continuity and uphold service commitments to their clients.

The principal requirements included:

- A secure, always-available hosting environment.
- Resilient network connectivity and power redundancy.
- 24/7 access to critical infrastructure.

The Solution: A Secure and Resilient Data Center Environment.

Conscious Solutions decided to deploy a full rack at nLighten's Bristol Data Center. Conveniently located to the City, nLighten's 2,040 m² colocation facility is built to tier 3 standards and serves customers in and around Bristol as well as throughout the South West and Wales. With easy access to the M5/M4 motorways, it offers excellent power, cooling and security features along with multiple low latency connectivity solutions.



We are very pleased that our state-of-the-art Bristol data center has been chosen to play a critical and strategic role in supporting Conscious Solutions' next phase growth."

Justin Nesbitt
Managing Director
nLighten UK



About nLighten.

nLighten is a digital infrastructure platform providing best-in-class network access to organisations, private users and the mobile workforce. nLighten offers low latency, innovative power solutions, diverse connectivity, reliability as well as stringent physical and infrastructure security for your high-volume real-time data processing.

In the era of digital transformation, we at nLighten understand better than anyone else the need for an edge data center partner that can provide a platform, to answer the continuously changing demand due to new technological developments such as AI and IOT with relevant services. Our edge data centers, spread across Europe, are designed with both efficiency and environmental impact in mind.

Founded in 2021 by a core team with many years of experience in the data center industry, our main motivation was to create the next step for the data center industry and align data centers with the transition to more sustainable operations.

The rack solution provided to Conscious Solutions features:

- Dual diverse routed Internet connectivity for improved network resilience.
- Reliable power infrastructure with redundancy to ensure uninterrupted service.
- 24/7 secure access for their technical team.

Additionally, the data center allows for seamless delivery and setup of new equipment, making it easier for Conscious Solutions to manage its infrastructure remotely.

Benefits.

Enhanced Performance, Reliability & Future Growth



- Significantly improved resilience compared to the previous single-fibre connection setup.



- Minimised disruption during office relocation, ensuring continued service for law firm clients.



- Potential for future expansion, including hosting live production client websites and applications directly within the data center



- Better insights into network and power usage with improved reporting tools.

Andy Osborne

Technical Director,
Conscious Solutions



Conscious Solutions' private cloud platform hosts and provides digital services for over 350 legal firms including several major global top 200 players. Apart from delivering resilience and fast response times, the nature of their profession places additional emphasis on ensuring transparency and compliance when it comes to data privacy and sovereignty. Therefore, our recent decision to migrate critical IT systems to nLighten's Bristol tier 3 data center has provided added reassurance to our clients as well as our business, while also freeing up more time to focus on developing new services."

To find out more about nLighten's leading Edge Data Centre Solutions:

www.nlighten.com or call +44 (0)3300 250 138