



Case study

Built for Resilience.

How X Cyber Group scaled global threat intelligence and data operations with nLighten's secure, interconnected data centers.



X Cyber Group.

XCyber® is a global threat intelligence and data analytics company delivering actionable insights to protect organisations from cyber risks.

As XCyber® rapidly expanded internationally and accelerated its research in artificial intelligence and machine learning, its existing infrastructure was no longer fit for purpose. The deployment of advanced AI workloads, including multiple NVIDIA H100 GPUs, required significantly upgraded power density, cooling capabilities, and resilient connectivity.

XCyber® partnered with nLighten to access modern, interconnected facilities with strong physical security, reliable power, and high-speed connectivity.

This enabled scalable, resilient operations for their growing global customer base.

xcyber®

THE HUMAN SIDE OF CYBER™



Key Requirements.

As X Cyber Group transitioned from startup into scale-up, their existing self-hosted and local data center environments could no longer support the pace of growth or the expectations of a rapidly expanding global customer base. They needed an infrastructure platform that would remove operational constraints while providing the security, resilience, and connectivity required for mission-critical threat intelligence services.

Their key requirements focused on reliability, scalability, security, and simplicity, ensuring the business could continue to grow without infrastructure becoming a distraction.

Fundamentals:

- Tier III+ certified, secure colocation with strict privacy controls
- High-performance, redundant connectivity with global reach
- Flexible deployment and upgrade options to support growth
- Reliable power, cooling, and network for critical systems
- Simple operational procedures to reduce logistical and compliance overhead

// We're proud to support XCyber's® transition to a secure, scalable environment. Their work in global threat intelligence requires robust infrastructure and fast, reliable connectivity and our interconnected data center network is designed to deliver exactly that."

Justin Nesbitt
Managing Director
nLighten UK



About nLighen UK.

nLighen UK is the UK division of nLighen. nLighen is a digital infrastructure platform focused on developing and operating innovative edge data centers across Europe's key economic hubs.

Its strategically distributed data centers deliver best-in-class network access to enterprises, private users, and the mobile workforce. nLighen is working towards establishing a pan-European presence in all major cities and smaller business hubs.

Its edge data centers are close, coupled, and connected: By being closer to customers and users, nLighen ensures low-latency access and high availability for businesses, mobile workforces, and private users. With a strong commitment to sustainability,

nLighen's data centers will be coupled with the local community, contributing to grid stability while minimizing environmental impact.

Connected to an extensive network of carriers and service providers, nLighen empowers seamless, real-time data connectivity throughout Europe.

The Solution:

nLighen enabled XCyber® to move from local hosting to a modern, interconnected Swindon data center environment.

Key elements included Tier III+ colocation, high physical and network security, seamless migration, and reliable power, cooling, and a bespoke connectivity solution that provides XCyber® with the flexibility to shut down a legacy platform in a staged, controlled manner without time restrictions or additional commercial exposure.

Interconnected facilities provide future global expansion and redundancy, while flexible access allows XCyber® teams to manage upgrades efficiently.

The result is a robust, scalable environment that supports secure, high-performance threat intelligence operations worldwide.

Benefits:



Secure, resilient operations with Tier III+ infrastructure

→ Simplified processes let teams focus on core business



→ Reliable power, cooling, and network reduce operational risk

→ Interconnected centers enable global expansion and redundancy

→ Reliable power, cooling, and network reduce operational risk

→ Stable, scalable infrastructure supports faster, dependable service.



Ryan Carbin
Director & Co-Founder,
X Cyber Group



The team at Swindon has been brilliant — from security and NOC staff to network engineers, every interaction has been smooth. Moving into nLighen's data center was effortless, and we can now focus on delivering services globally without worrying about our infrastructure."

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

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