

# Case Study: Blackpool Skills Academy

## Internal Infrastructure Penetration Testing

### Routine infrastructure testing is essential

for detecting security vulnerabilities and managing risks. This helps prevent downtime, data loss, and security breaches, demonstrating your organisation's commitment to cyber security.

### Over 50%

of Medium and Large businesses suffered a cyber security breach in the last 12 months

*Source: Cyber security breaches survey 2023, Gov.uk*

### £3.4M

the average cost of a Data Breach for UK businesses in 2023

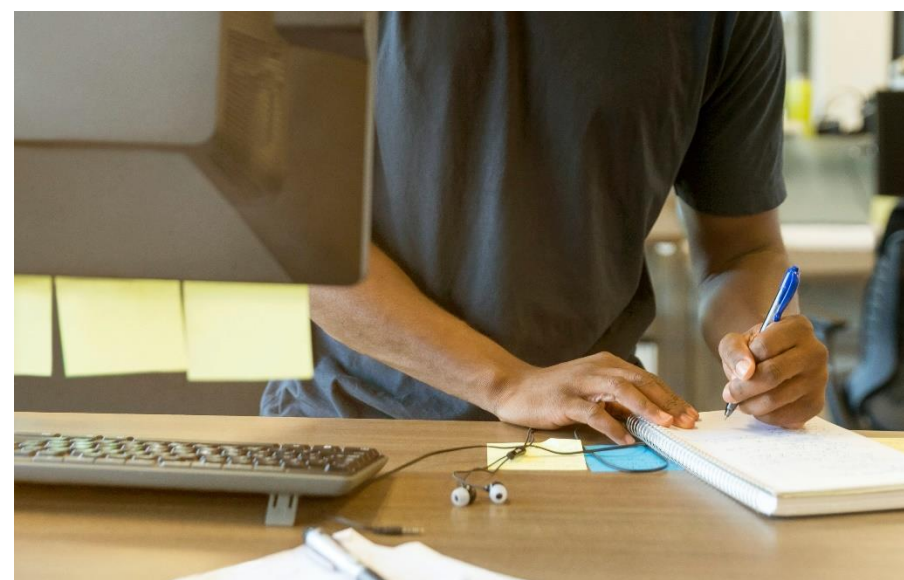
*Source: IBM Security Report, IBM Security*

“Methods were **extremely professional** throughout and talked us through the process **right from the initial scoping call.**”

Methods was engaged by the Blackpool Skills Academy to conduct onsite internal infrastructure penetration testing. Using industry-standard tools, we performed reconnaissance and exploitation on the network. Additionally, a simulated 'car park attack' was executed, targeting the Wi-Fi network from outside the organisation's physical boundaries.

### Challenge

Having never previously undergone a penetration test, Blackpool Skills Academy required additional support for scoping and network discovery. As an operational educational establishment, physical onsite access for our testers was limited.



Keeping the client updated and informed of the actions taken and the findings discovered.



Supported discovery through initial scoping call with the client ahead of the testing.

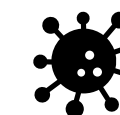


Provided a comprehensive penetration testing report, containing an executive summary, technical findings and remediation advice.

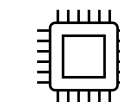
### Results

Following an extensive security assessment, Blackpool Skills Academy's managed IT service provider implemented our recommended improvements. These measures significantly enhanced the institution's security posture, addressing previously identified vulnerabilities. The client was extremely satisfied with the thorough findings and actionable recommendations we provided, acknowledging the positive impact on their overall cyber security strategy.

Penetration Testing helped Blackpool Skills Academy to:



Identify vulnerabilities within their IT estate



Locate and understand any technical debt



Improve their overall cyber security posture