

G-Cloud 15 Service Description



Penetration Testing

Penetration Testing

Methods’ CREST and CyberScheme certified penetration testers offer organisational guidance by simulating technical threat actors, identifying critical vulnerabilities, and guiding their mitigation. Our NCSC assured proficiency extends across diverse areas, including on-prem, cloud, OT/IOT, web, mobile, network and corporate infrastructure/endpoint security aligning to OWASP, CREST, NIST, PTES and OSCP practices.

What is the Service

Methods is an NCSC Assured Cyber Consultancy, demonstrating a proven track record of delivering cyber security consultancy expertise, undertaken by industry qualified and proficient experts, as defined by NCSC and the UK Cyber Security Council.

Methods manage engagements in accordance with industry best practice, that meet NCSC requirements for certified professional cyber services companies, complying with a code of conduct, and maintaining their cyber security expertise for CNI customers, Government and the wider public sector.

- Methods’ penetration testing service aims to simulate real-world attacks on your networks, applications, devices, and/or people to demonstrate the security level of your key systems and infrastructure and show you what it will take to strengthen it.
- We deliver all types of testing across a wide range of verticals, including Internal Testing, External Testing, Web Application Testing, Operational Technology/OT Testing, Cloud (AWS/Azure/Linode) Testing, Mobile Testing, RF/Wireless Testing, Social Engineering Engagements, and Vulnerability Assessments.

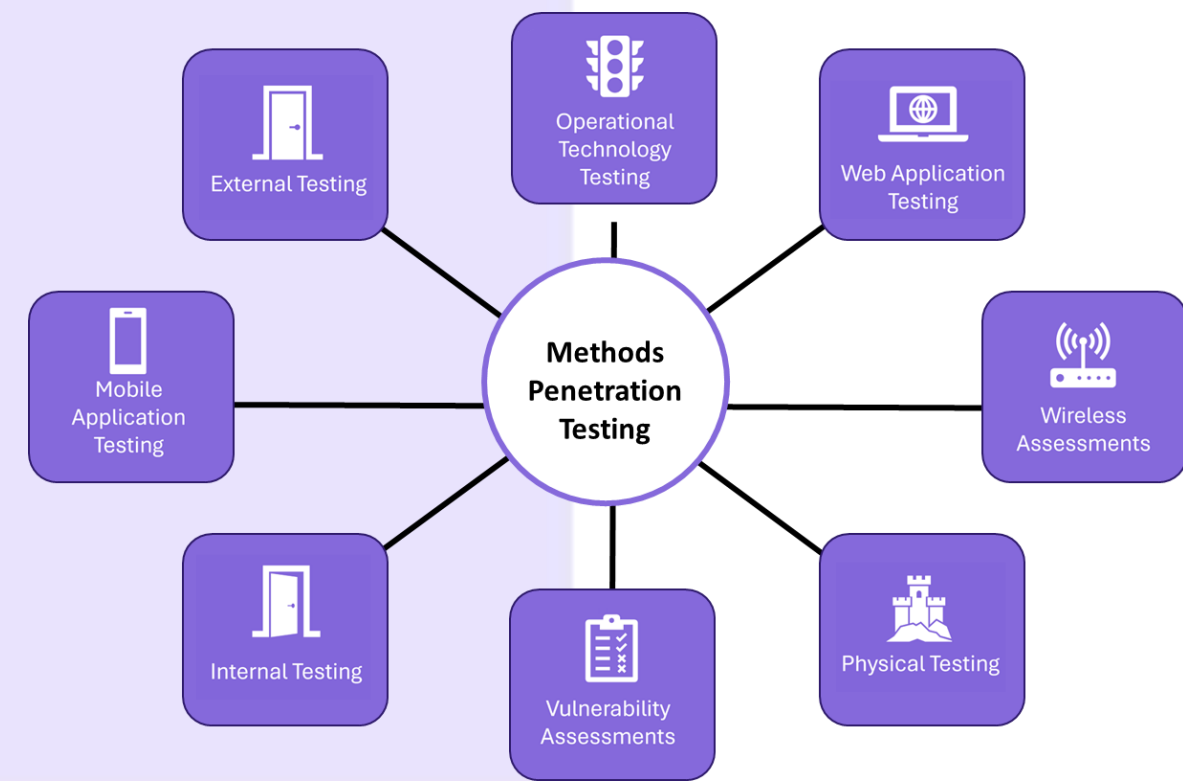
What it can do for you

Methods is an NCSC Certified consultancy with CREST and CyberScheme qualified testers, providing guidance to organisations managing their cyber security risks by emulating technical threat actors and finding critical issues to your organisation.

By developing and implementing the relevant security measures covered by NCSC, we assist organisations by reducing the likelihood of cyber-attacks transpiring and minimising the impact to the organisation when incidents do occur.

By proactively identifying and exploiting vulnerabilities and providing clear help and advice to remediate issues, our ethical hacking and security penetration testing services enable you to understand and significantly reduce your organisation’s cyber security risk.

We understand that Cyber Security challenges are different for every organisation in every industry. Utilising our extensive industry experience and pragmatic approach, we help to establish and conduct security testing practices which enable clients to focus on their core business activities.



Service Features

1. Penetration testing, from regular assessments to full red teaming
2. Vulnerability Management services, deployment and maintenance or regular scanning
3. Industry-standard methodologies (OWASP, PTES, NIST SP 800-115, CREST, CHECK)
4. Cyber Essentials/Cyber Essentials Plus delivery and support
5. Manual and automated testing techniques to identify vulnerabilities efficiently
6. Ensuring compliance with industry standards e.g. PCI DSS, HIPAA, GDPR
7. Risk reduction can protect sensitive data and other critical assets
8. Detailed and actionable reports outlining the findings with remediations
9. Operational Technology testing with a focus on automotive and industrial
10. External, Internal, Web Applications, API, IoT, and Cloud testing

Service Benefits

1. Pragmatic and cost-effective testing, ensuring maximum return on investment
2. Provide independent oversight and validation of Cyber Security posture
3. Enabling your business to make informed, risk-based decisions
4. Enabling you to create Security Business Cases
5. Access to technical skills and resources, allowing continuous improvement
6. Reduce costs through adopting appropriate Cyber Security measures
7. Experienced in Public Sector risk & security delivery initiatives
8. Regulatory compliance via penetration testing such as PCI DSS

Contact details

End-to-end transformation and innovation experts

Applying our skills in innovation and collaboration from across the Methods Group, to deliver end-to-end business and technical solutions that are people-centred, safe, and designed for the future.

Methods provide collaborative and innovative solutions to help Central Government adapt to the changing landscape and deliver better outcomes for citizens.

With a focus on driving interoperability and innovation in UK Central Government, we have helped multiple organisations in the sector modernise their IT architecture, systems, strategy, and operating models to improve organisational resilience and service delivery.

Methods deliver wide-ranging services and thought leadership to support delivery including:



Onboarding and offboarding process



Ordering and Invoicing

Once we have agreed a Statement of Work(s) we will sign the appropriate agreement and complete a Call Off contract with an attached Statement of Work(s), and submission of a Purchase Order. We will then set up a mutually acceptable start date and commence work.

Payment terms are 30 days or less as may be agreed.

Please note - we are unable to accept Government Procurement Card (GPC) payments.



Customer Responsibilities

For any given requirement, we will identify any dependencies on the customer (e.g. access to key stakeholders, facilities, documentation, etc.) and agree these at the start of the work.

Making a difference

The work we do each day is focused on delivering a positive difference for the public sector for the benefit of society as a whole.



Customer stories



Cloud Hosting & Service Modernisation
Modernised digital services using secure cloud hosting, streamlined legacy workflows, and improved data insights. Delivered faster decisions, reduced manual effort, and a more transparent, **user-friendly experience** for internal teams and external users.



Cloud-Based ITSM Consolidation
Unified multiple service desks onto a cloud-based ITSM platform, standardising processes and automating workflows. Improved incident, change, and problem management, **boosting overall service reliability, efficiency, and organisational visibility.**



Large-Scale Cloud Migration (100+ Apps / 120TB)
Delivered cloud migration of **100+ legacy applications** and **120TB of data** with **100% availability.** Strengthened compliance, improved transparency, and significantly enhanced operational resilience across critical digital services.



Azure Migration & Modern Workplace Enablement
Migrated data centres to Azure and deployed modern workplace cloud services, delivering secure, scalable infrastructure. Achieved improved user experience, strengthened security posture, and **£1m savings** - all with zero service disruption.



Cloud ITSM Migration (ServiceNow SaaS)
Successfully migrated from a legacy ITSM tool to a modern, cloud-based ServiceNow platform. Delivered scalable, robust service operations, strengthened governance, and enabled faster, more consistent digital service delivery across the organisation.



Cloud-Native Data Pipelines (Azure Integration)
Built automated Azure Data Factory pipelines into a Lakehouse architecture, using Bronze/Silver/Gold layers and Delta with CI/CD. Delivered secure daily refreshes, improved data quality, lower manual effort, and more efficient reporting.