G-CLOUD 14

Penetration Testing, Ethical Hacking and Red Teaming
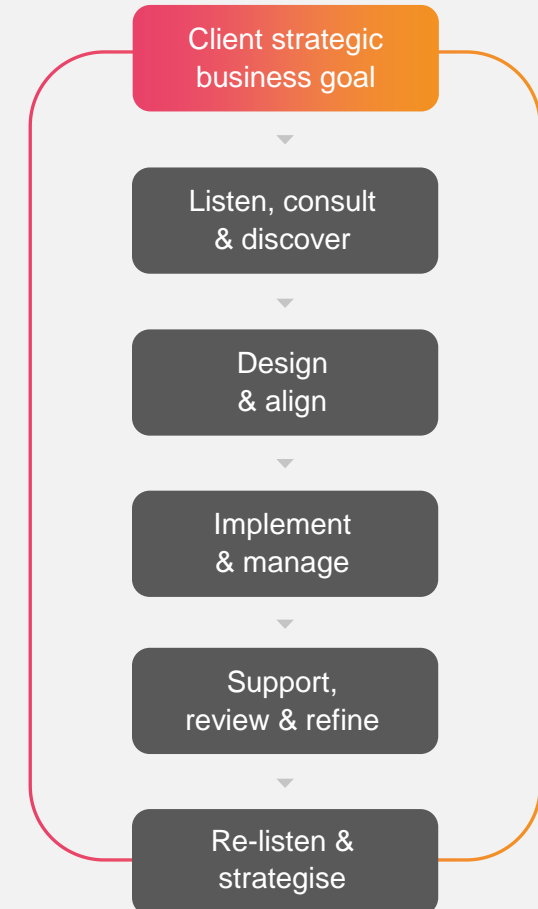
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ABOUT THE SERVICE

Our service provides a rigorous technical assessment through penetration testing, ethical hacking, and red teaming, designed to evaluate and enhance the resilience of your infrastructure against cyber threats. Tailored for the UK public sector, our comprehensive approach combines automated scans with manual testing techniques, employing advanced tools and methodologies to simulate real-world attacks, identify vulnerabilities, and assess the effectiveness of your security controls.

The service features include a combination of automated and manual testing, the use of advanced testing tools, simulations of cyber-attacks to test resilience, prioritisation of vulnerabilities, detailed security control analysis, custom red teaming exercises, recommendations for security enhancement, engagement with IT and security teams for strategic defence improvement, compliance checks, and a detailed report with actionable insights.

Benefits of our service include strengthened defence mechanisms, deep insights into vulnerabilities, enhanced organisational cyber-attack preparedness, compliance assistance, prioritisation of security resources, increased stakeholder confidence in cyber resilience, informed decision-making based on detailed assessments, promotion of a proactive security culture, risk reduction of data breaches, and a strategic roadmap for security investments.

The effectiveness of our penetration testing, ethical hacking, and red teaming is contingent upon the scope and permissions provided by the client, potentially limiting the testable areas of the infrastructure. Advanced testing methodologies may require explicit consent and coordination to mitigate operational disruption. Compliance checks adhere to current UK and international standards, necessitating regular updates for sustained alignment. Understanding these constraints is crucial for clients aiming to maximise the benefits of our comprehensive security assessment service.

ON A JOURNEY TO CHANGE, WITH YOU

- Client strategic business goal
- Listen, consult & discover
- Design & align
- Implement & manage
- Support, review & refine
- Re-listen & strategise

WORKING TOGETHER TO ACHIEVE YOUR GOALS

NODE4 ASPIRE FRAMEWORK

A delivery framework built for innovation and value creation.

Node4's ASPIRE Framework delivers a consistent customer journey across all our delivery practices and outlines our approach to delivering end-to-end, secure and transformative services.

A
Assessments & Advisory

S
Strategy & Business Case

P
Design & Planning

I
Implementation, Testing & Go Live

R
Handover to Run

E
Service Evolution & CI/CD

One Transformation Journey – Many Pathways to Discover

SECURITY

Analysis and Strategy

Cyber Programme Assurance	ISO 27001 Readiness Assessment	Regulatory Gap Assessment
Cyber Scorecard (CMMI and NIST)	IT and Security Policies	SAM Security Assessment Platform
Cyber Technology Business Requirements	NIST Maturity Assessment	Security Audit Readiness
DLP Triage	NIST-based Summary Gap Analysis	Third-party Outsourced Assessments
Internal Security Audit	Portfolio Company Due Diligence for M&A	Vulnerability Scanning (Edgescan)
Growth Ready IT	IT Risk Management Framework	Strategic Security Roadmap

Plan and Implement

Data Loss Prevention (DLP) Implementation	Regulatory Remediation
ISO 27001 Remediation	Cyber Essentials Preparation
PAM Generic Account Remediation	Cyber Operating Model Deployment
Penetration Testing, Ethical Hacking and Red Teaming	IAM and PAM Tooling (Sailpoint, CyberArk)
Post Due Diligence Remediation	Security Control Design and Implementation

Security Programme Management and Delivery

Run and Evolve

Vulnerability Remediation	Phishing Exercises
IAM and PAM Health Check	Security Doctor
IAM and PAM Remediation	Technology Risk and Control Culture - Security Training
Managed Cyber Security with Security Operations Centre (SOC)	Threat Detection - Managed SOC (Sentinel)
Managed Security Health Check	Incident Response Retainer

CLIENTS

1800 CLIENTS, 1800 INDIVIDUAL STORIES OF CHANGE. HERE ARE JUST A FEW

CHANGE THAT MATTERS

We empower public and private sector organisations by delivering positive outcomes through technology and innovation.

Harnessing our knowledge, passion and talent we help our clients reach their full potential.

We call it change that matters.

THE JOURNEY SO FAR...

2004 - 2014

THE EARLY YEARS

Founded in 2004
By Andrew Gilbert
Opened 3 data centres
LETN acquisition

2015 - 2016

BUILDING SOLID FOUNDATIONS

Bowmark Investment
Premier IT & Reconnix acquisition

2017 - 2018

DEVELOPING PUBLIC CLOUD

N4Stack Launched covering public cloud, data & DevOps
HSCN achieved

2019

ACQUISITION SUCCESS

Secura acquisition
Employee Experience Awards winner

2020

PANDEMIC RESPONSE

Launched N4Engage
COVID-19 Response
Launch of SD-WAN

2021

EVEN MORE GROWTH

Starcom acquisition
TNP acquisition
MS Azure Expert MSP
Providence Investment

2022

LOOKING TO THE FUTURE

risual acquisition
Tisski acquisition
Launched Azure Hybrid Cloud
Great Place to Work 3 years in a row

2023

THE FUTURE IS HERE

TNP, risual, Tisski and core Node4 teams join together
BizApps and Power Platform capability rollout
Microsoft Inner Circle status acquired through Tisski
ThreeTwoFour acquisition

IT'S OUR CULTURE THAT MAKES A REAL DIFFERENCE TO YOU

Each of our employees is fuelled by a passion for technology and what it can do to make your organisation grow.

We're vibrant, passionate and united by a dedication to delivering exceptional service as a standard, not only to our clients, but to each other too.

We're proud of our culture and have ranked as one of the UK's best places to work for 4 years in a row.

When it comes to ESG, our actions speak for themselves.

TECH ZERO
In April 2023, Node4 signed up to Tech Zero, a group of technology companies that have joined together to fight the climate crisis

UNITED NATIONS SUSTAINABILITY DEVELOPMENT GOALS
We're continually working to align our CSR strategy and activities with the United Nations's 17 Sustainable Development Goals (SDGs) at both a local and national level.

WHY PARTNER WITH US?

1

PROVEN

20 years delivering outcomes as the IT partner of choice for over 1800 organisations

2

CAPABLE

Utilising our expertise & knowledge from the highest IT accolades & accreditations to deliver innovative technology solutions
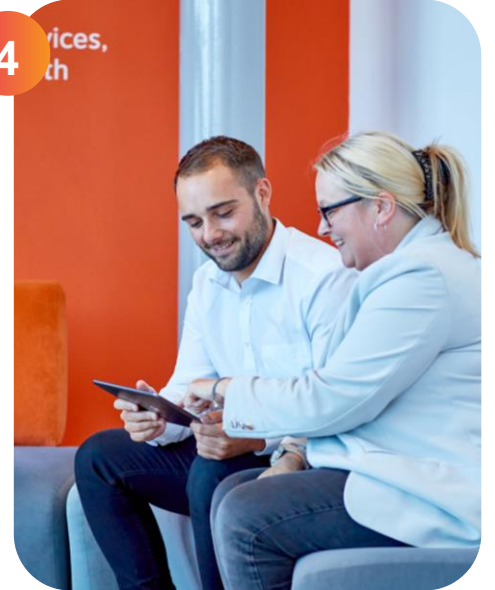
3

SCALE & AGILITY

We are big enough to deliver yet agile enough to care, always ensuring exceptional service comes as standard

4

WE DELIVER

Everything we do is developed & executed with your outcomes in mind to ensure we deliver change that matters