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G-Cloud 15

Service Description

Application and Solution Code Health Check



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CHANGE CLIENTS CAN FEEL AT EVERY LEVEL

ABOUT THE SERVICE

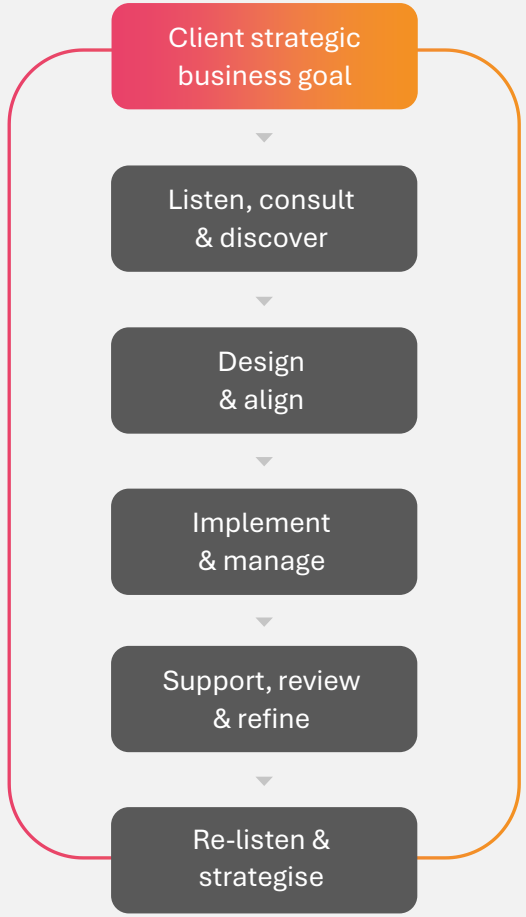
The Application/Solution Code Health Check service offers in-depth code reviews to confirm compliance with best practices, ensure high code quality, and mitigate security risks. It aims to create a roadmap for boosting application performance, maintainability, and security, with regular evaluations to maintain code quality at preferred intervals.

Features include comprehensive code reviews, code quality assessment for performance enhancement, identification and mitigation of security risks, development of a continuous improvement roadmap, options for annual or custom frequency checks, expert feedback on coding standards, use of the latest code analysis tools and methodologies, recommendations for performance and security enhancement, detailed reports on code health, and ongoing support for code health strategy updates.

Benefits of this service include maintaining high code quality standards, improving application performance, reducing security vulnerabilities, enhancing software maintainability and scalability, providing a clear strategy for code improvement, proactive issue identification and resolution, increasing software solution efficiency and reliability, supporting continuous coding practice evolution, ensuring peace of mind with consistent code standards, and aligning code development with the latest industry trends and standards.

The service's effectiveness depends on full access to the source code and relevant documentation, with outcomes tied to the clarity of the existing codebase and documentation. Significant improvements necessitate the client development team's readiness to apply recommended changes. Time constraints and review frequency may restrict assessment depth, potentially missing deeper issues. Moreover, the rapid evolution of technology and coding best practices may require frequent updates to the service methodology to stay current.

ON A JOURNEY TO CHANGE, WITH YOU



WORKING TOGETHER TO ACHIEVE YOUR GOALS

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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	S	P	I	R	E
Assessments & Advisory	Strategy & Business Case	Design & Planning	Implementation, Testing & Go Live	Handover to Run	Service Evolution & CI/CD

One Transformation Journey – Many Pathways to Discover

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DIGITAL AND APP INNOVATION

Analysis and Strategy

- Accessibility Assessment
- AI Services Analysis and Strategy
- AI Powered Automation Analysis
- Application Solutions Architecture Strategy & Design
- Application Modernisation Analysis
- Azure AI Maturity Assessment and Strategic Planning
- Azure DevOps Assessments and Gap Analysis
- DevOps Analysis & Strategy
- Azure/IaC Strategy and Analysis
- Digital Solution Architecture
- Microservices Architecture Assessment and Strategy

Plan and Implement

- AI-Enabled Virtual Agents and Customer Service Solutions
- Bespoke Application Development
- OpenAI and Azure AI Integration and Development
- AI-Powered Automation Services
- Infrastructure-as-Code (IaC) Design and Deployment for DR & Failover
- Software Development Partner Framework (SDaaS)
- API Management & Integration Services (iPaaS)
- IoT and Edge Computing Solutions
- Solutions Plan and Implement Development Services
- Application Modernisation
- IoT and Integration Plan and Implementation Services
- TFS and DevOps Migration to Azure DevOps
- Azure DevOps Plan and Implement Services
- Microservices Architecture and Delivery
- User Experience Design

Run and Evolve

- Application and Solution Code Health Check
- DevOps as a Service (DaaS)

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CLIENTS

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

Foreign, Commonwealth & Development Office

Ministry of Defence

Ministry of Justice

Department for Environment Food & Rural Affairs

UK Export Finance

Department for Levelling Up, Housing & Communities

Homes England

SSRO
Single Source Regulations Office

NHS Digital

UKSBS
Shared Business Services

West Mercia Police

Leicestershire Police
Protecting our communities

Cheshire East Council

West Midlands Combined Authority

Care Quality Commission

Locala
Health & Wellbeing

Ofsted
raising standards
improving lives

HS2

HM Land Registry

acas
working for everyone

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East Sussex Fire & Rescue Service

CHANGE CLIENTS CAN FEEL AT EVERY LEVEL

CLIENT SUCCESS

FROM 7 DAYS TO 5 MINUTES – A 99.9% REDUCTION IN TIME

ESFRS's previous manual SSRI process meant crews assessing the risk at premises had to make handwritten notes, fill out a Word document and then send an email to their respective Station Manager for approval. This was prior to the SSRI document being uploaded manually to a SSRI system and downloaded to the services' Mobile Data Terminals (MDT), located on each fire appliance, for use when in transit and at incidents. This process could take up to seven days to complete.

ESFRS identified this process needed upgrading to meet aspects of the Grenfell Tower incident recommendations and to modernise the technology in use and reached out to their ICT managed service provider and trusted partner, Telent, to help them kickstart the process.

With the support of strategic partners, Telent have been working with ESFRS since 2016 to transform key operational processes. In this instance, commercial, out-of-the-box solutions were available – but ESFRS and Telent felt that a purpose-built, configurable solution would be better placed to meet all requirements and deliver maximum impact and improve safety.

Telent introduced Node4, to ESFRS and what they had set out to achieve, and together we mapped a way forward for the organisation. The end solution would support ESFRS's digital strategy, with a focus on alignment of digital risk data collection and current guidance, and the introduction of an auditable digital process for collecting and communicating risk data.

> "Self-service was a key driver in this project for us, with risks continuously changing, and new risks regularly being discovered, it was important that any new requirements could be added to the form as and when needed."

DEREK HAMILTON
STATION MANAGER – OPERATIONAL LEARNING & INTELLIGENCE



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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.

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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

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

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

NET ZERO by 2030

We already power our data centres with renewable power. Beyond that, we partner with Carbon Neutral Group to offset our other emissions.

UNITED NATIONS SUSTAINABILITY DEVELOPMENT GOALS

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

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.



Best Workplaces™ Medium Organisations Great Place To Work. UK 2020

Best Workplaces™ Large Organisations Great Place To Work. UK 2021

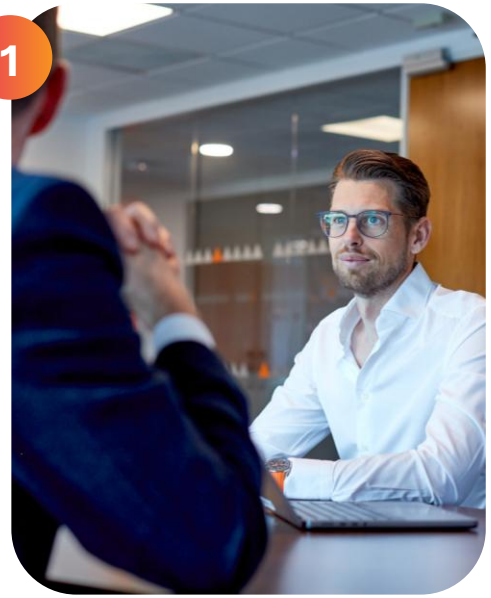
Best Workplaces™ Large Organisations Great Place To Work. UK 2022

VERY GOOD TO WORK FOR 2023 cert.b.co.uk

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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

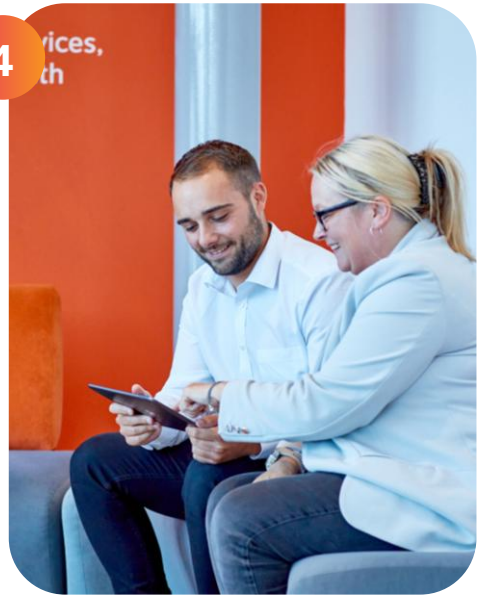
3



SCALE & AGILITY

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

4

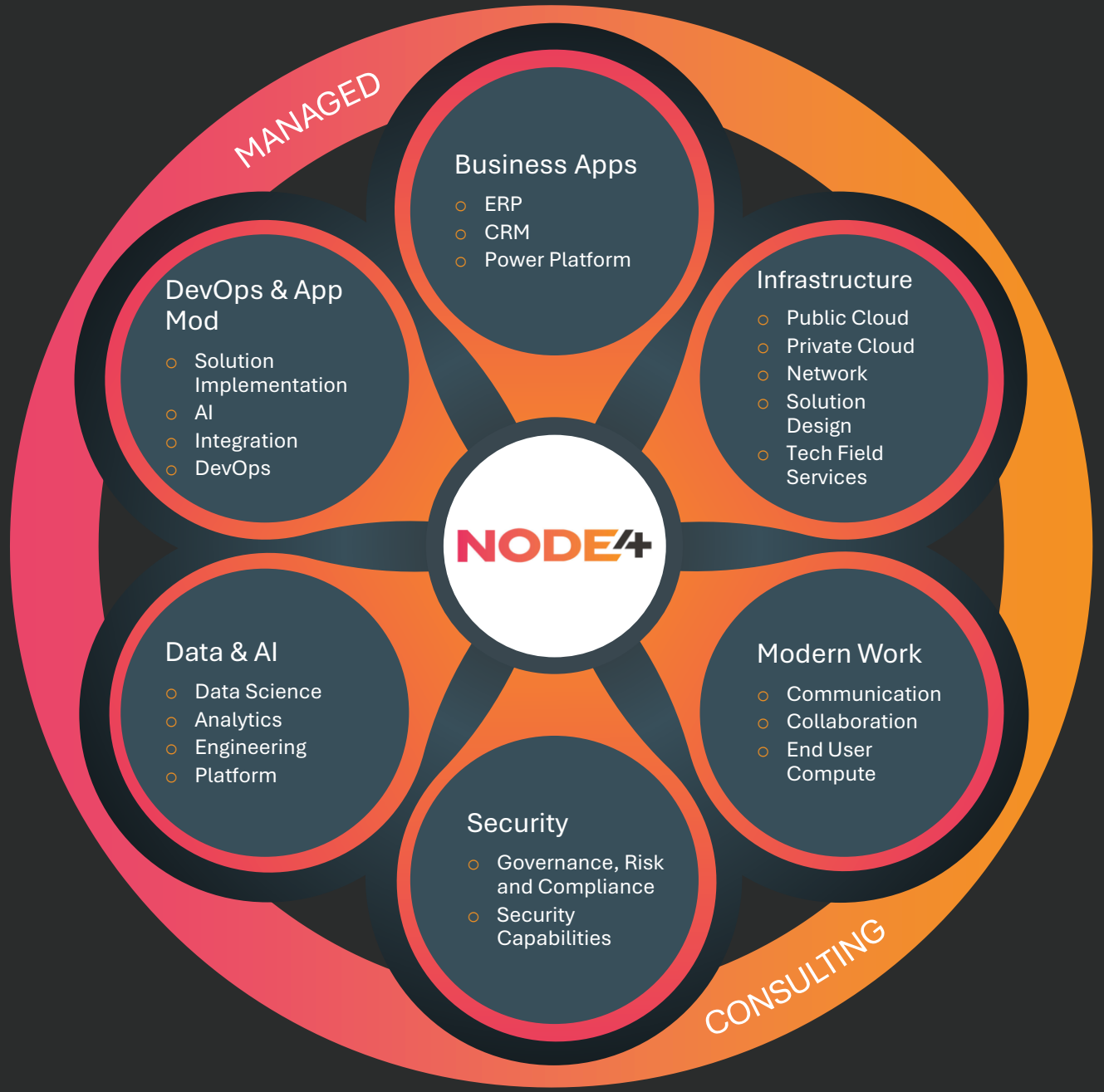


WE DELIVER

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

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NODE4 CAPABILITIES



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