

**NODE4**

Empowering business to do more

**DATA  
PRACTICE  
PRODUCT  
PORTFOLIO**

# INTRODUCTION

This document serves as an overview of Node4's Data Practice capabilities.

Node4 possesses deep expertise in managing the performance and availability of critical data platforms, from managing complex database environments, through to creating Data Warehouse platforms and ultimately delivering business intelligence and data analytics solutions.

Our data experts are available to deliver consultancy services for the implementation and modernisation of systems, complemented by 24\*7 fully managed services for continuous optimisation. Our breadth of expertise and scalability enables Node4 to deliver quickly with an effective ROI.

# WHAT CAN NODE4 OFFER?



## CONSULTANCY

The Node4 Data Practice has a wealth of experience in working with customers of all shapes and size, from innovative start-ups through to multi-national publicly listed businesses. This real-world experience provides invaluable capability to help our customers derive the most value from their data technology investments.

- **Implementation** – our team of experts are able to qualify, design and implement the solution built to best practice.
- **Performance optimisation** – data environments change, data volumes grow and applications get updated; all of these changes impact on system performance, which is where our Consulting team, with their expertise at in-depth database and data platform optimisation come in.
- **High availability** – database availability is critical and Node4 are able to implement the right solution, whether an Enterprise Edition cluster or a Standard Edition standby or failover for system resilience.
- **Modernisation** - choosing the right platform for data workloads is complex - some systems are perfect for the public cloud, others will perform better on private infrastructure. Our genuine hybrid cloud expertise enables customers to modernise the right way.



## MANAGED SERVICES

Databases, Datawarehouses and Business Intelligence environments all need feeding and watering to continue running in an optimal condition. Node4's Database Managed Services alleviate the technical demands from our customers, whilst driving down the costs associated with managing critical systems.

- **24\*7 Incident Management** – there will always be unforeseen issues, which is why our Database Managed Services provide unlimited Incident handling within a strict SLA.
- **Continuous Monitoring** – our significant investment in enterprise monitoring tools provide in-depth telemetry, so we can identify issues before they impact system performance.
- **Performance Tuning** – from optimising the database or data pipeline, through to the delivery of business intelligence reports, our Database Managed Services keep critical data processes running and thereby enable our customers to focus on running their business.



## DATABASE TECHNOLOGY SOLUTIONS

Increasingly, we find businesses are using several different database technologies to underpin key applications. Node4 helps address this challenge through deep expertise in multiple database versions.

- **SQL Server** – we support environments from simple single instance systems through to complex geographically dispersed availability group clusters.
- **Oracle** - Oracle systems typically need careful attention and ongoing tuning, often running critical workloads and utilising DataGuard or RAC for business continuity.
- **MySQL** – traditionally used extensively within development centric environments, we now see an increasing number of MySQL databases running production workloads.
- **NoSQL** – with the advent of “Big Data” and the need to manage multiple data types, platforms such as Couchbase have grown in popularity to help manage these workloads.
- **Multi-platform** – we are experts in implementing and managing critical databases across different platforms. As such, we’re ideally skilled to assist with private infrastructure systems along with public cloud deployments.



## MODERN DATA PLATFORM SOLUTIONS

Node4 deliver Datawarehouse and Modern Data Platform solutions that enable our customers to get the right data into the right place which then enables effective analysis and reporting.

- **Data Architecture** – our Data Architects provide expertise to help our customers determine how to derive real value from the data that exists across their systems.
- **Engineering** – our Data Engineering team help to prepare data and build the data pipelines to transport data for ingestion into an effective Datawarehouse.
- **Low-cost Modern Data Platforms** – Datawarehouse solutions have traditionally been complex and expensive to deploy. Node4's solutions harness the functionality within Microsoft Synapse Analytics and offers a low-cost alternative that is quick to deploy.
- **Fully Managed** – our Consulting team can scope, design and implement the Datawarehouse solution and our Database Managed Services team will then provide ongoing 24\*7 monitoring, incident management and support.



## DATA ANALYTICS SOLUTIONS

As the volume of data continues to grow rapidly, so does the need to gain quick insight from the data to enable effective decision making.

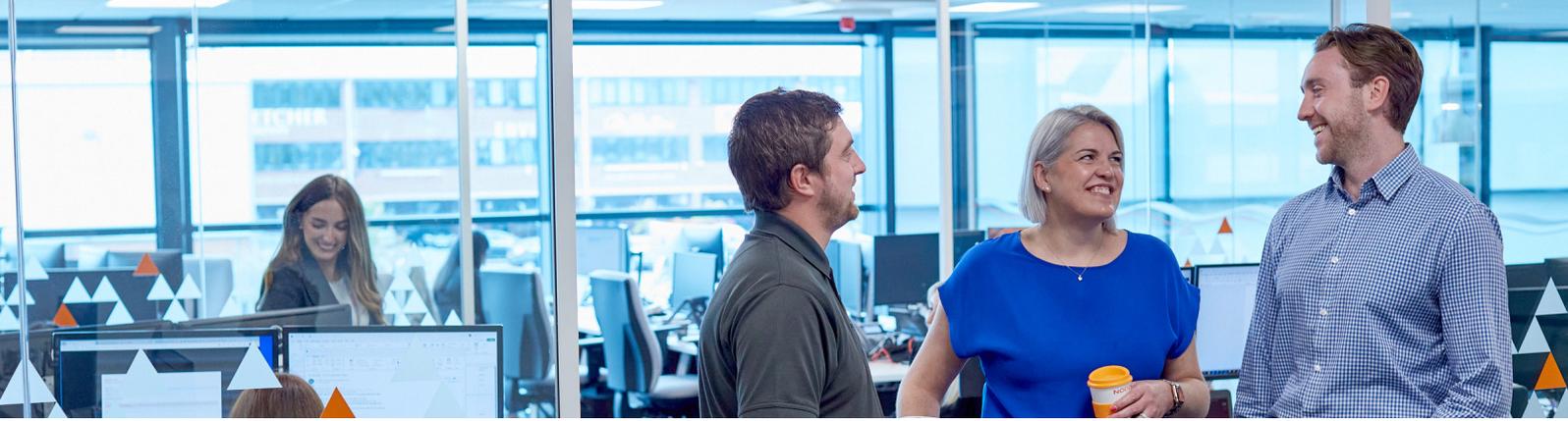
- **Explore** – for businesses that want to derive more value from their data, the Node4 Explore service delivers a fully qualified design with PoC on a desired data source to give a real-world look and feel for a business intelligence solution.
- **Build** – we are a team of PowerBI experts that have extensive experience in building our Reporting Lens solution encompassing sprint builds, playback and user acceptance resulting in incredible data visualisation.
- **Fully Managed** – our Database Managed Services team are on hand to support any ongoing changes to the defined reports, adjustment to views and adding new functionality.



## PARTNER SOLUTIONS

Node4 has longstanding and successful services partnerships with both end users directly and via a thriving Partner Channel.

- **Independent Software Vendors** – our ISV network benefits from tapping into our Data Practice skills to ensure the databases and platforms underpinning the applications are fully supported and optimised. Our data services thereby enable the ISV to focus on what they're best at: developing and deploying their applications.
- **System Integrators** – our services are highly complementary to the services delivered by our SI Partners and we effectively dovetail into their services capabilities. We typically deliver a blend of consulting and Managed Services to help our SI Partners with their project requirements.
- **Multi-Platform** – our Partners are delivering their solutions on a multitude of platforms, from on-premise, or Node4 hosted infrastructure through to public cloud platforms. Our Data Practice services provide a seamless fit across all options, enabling the Partner to plug any skills gaps and expand their wallet share from all customer projects.



# PARTNERSHIPS

N4 work with best-in-class data technologies to deliver the best solution for our customers

**ORACLE**



Microsoft®  
**SQL Azure™**



Microsoft®  
**SQL Server™**



**MySQL™**



**Couchbase**



Azure  
Synapse  
Analytics



**Power BI**



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