



Database Engineering & Performance Enhancement

G Cloud 15 - LOT2B

1. Insight

Insight leads the delivery of transformative solutions, supported by a powerful ecosystem of over 6,000 global partners including Microsoft, AWS, and Cisco.

As a Fortune 500 company with a long-standing history of delivering trusted services to the UK Public Sector, we combine our own deep expertise in consulting, advisory, and transformation with partner innovation to create holistic solutions across cloud, data, modern workplace, cybersecurity, and application services.

Guided by proven methodologies and ESG principles, we work collaboratively to design and implement tailored strategies that drive measurable business impact while promoting sustainability and governance excellence.

2. Insight for the Public Sector

Your End-to-End Digital Transformation Partner

As a leading Solutions Integrator, Insight combines deep technical expertise with a vast partner ecosystem to help UK government organisations modernise, innovate, and deliver citizen-centric services. We hold places on over 85 public sector frameworks, offering a compliant, efficient route to digital transformation.

We don't just supply IT; we design, deploy, and manage the solutions that secure your data and unlock value.

Core Areas of Expertise

- **Innovation, Data & AI:** we deliver end-to-end data science and custom AI solutions. From modernising data platforms to deploying bespoke machine learning and spatial computing, we help you unlock the value of your data to drive operational efficiency.
- **Modern Infrastructure & Cloud:** Building scalable, hybrid foundations that reduce technical debt and support multi-cloud strategies.
- **Modern Workplace:** Empowering the public sector with secure, flexible tools to work from anywhere, attracting talent and improving productivity.
- **Cybersecurity:** Comprehensive managed security services, threat detection, identity protection, and compliance management to ensure your data remains sovereign and secure.
- **Modern Apps:** Agile application development creating meaningful and impactful tools that link to tangible benefits, improvements and cost savings.

Our Approach: Consulting, Lifecycle, & Managed Services

We deliver value at every stage of your technology journey, ensuring accountability from strategy to support:

- **Consulting (Architecting the Future):** We bridge internal skills gaps with data-driven strategy. From "Discover & Design" to full-scale migration planning, we ensure your investments solve real public sector challenges.
- **Lifecycle (Seamless Execution):** We take the risk out of procurement and deployment. Leveraging global buying power, we handle everything from supply chain management and imaging and implementation to sustainable asset disposal (ITAD).
- **Managed Services (Always-On Support):** Shift from "keeping the lights on" to innovation. We provide 24/7 infrastructure monitoring, cloud cost optimisation (FinOps), and security operations to ensure resilience.

3. Services

Service Name

Database Engineering & Performance Enhancement

Service Description

Premium consultancy for organizations seeking robust, optimized, and scalable database solutions to drive data-driven application success and maximize operational efficiency.

Features

- Comprehensive assessment of current database architecture and configurations.
- Design and implementation of custom database schemas tailored to business needs.
- Advanced query optimization for improved speed and efficiency.
- Automated performance monitoring and intelligent alerting systems.
- Data integrity and consistency assurance across environments.
- Integration of robust security controls and compliance measures.
- High availability and disaster recovery solution engineering.
- Scalable database provisioning to support growth and spikes in demand.
- Migration planning and execution from legacy or on-premises systems.
- Knowledge transfer and upskilling sessions for in-house teams.

Benefits

- Accelerates time-to-value for new or existing application initiatives.
- Enhances application responsiveness and user experience.
- Reduces downtime and mitigates risk of data-related outages.
- Ensures data governance, integrity, and industry compliance.
- Optimizes operational costs through efficient resource allocation.
- Supports scalable growth without sacrificing performance.
- Empowers stakeholders with data-driven insights and reporting.
- Strengthens in-house team capabilities for ongoing management.
- Minimizes technical debt by modernizing database infrastructure.
- Boosts business agility to respond to evolving market requirements.

Constraints

Client must provide data access, relevant documentation, and key technical contacts.

CONTACT US

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