



Intelligent Database Engineering & Performance Optimisation

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

Intelligent Database Engineering & Performance Optimisation

Service Description

Expert design and refinement of enterprise databases for organizations seeking robust, scalable, and high-performing data solutions.

Features

- Comprehensive assessment of current database architecture and health
- Custom database schema design tailored to business needs
- Advanced query optimization for improved performance and speed
- Scalability planning to support growth and future requirements
- Implementation of automated backup and recovery strategies
- Security hardening and compliance alignment for sensitive data
- Integration with existing application development pipelines
- Proactive monitoring and incident response playbooks
- Data migration planning and seamless cutover execution
- Continuous improvement cycles with periodic performance reviews

Benefits

- Accelerates business operations with faster data processing
- Reduces system downtime through resilient architecture
- Supports regulatory compliance and mitigates audit risks
- Enhances user experience with responsive applications
- Improves data integrity and minimizes risk of data loss
- Seamlessly scales databases alongside organizational growth
- Strengthens security posture for sensitive and regulated data
- Facilitates smoother integration across development teams
- Optimizes IT spend with resource-efficient database management
- Drives innovation through reliable and agile data infrastructure

Constraints

Requires access to client's database environments and stakeholder input. Scope excludes application code refactoring.

CONTACT US

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