Service Optimisation/Right Sizing service definition

Overview

Our Service Optimisation/Right Sizing service is designed exclusively for public sector organisations, delivering a detailed assessment and reconfiguration recommendations for cloud-based services and infrastructure to align resources precisely with actual demand. This service tackles common issues such as over-provisioning, under-utilisation, and escalating costs in cloud environments, ensuring efficient, sustainable operations. It complies fully with UK government directives, including the Government Digital Service (GDS) Cloud First policy and National Cyber Security Centre (NCSC) Cloud Security Principles. By right-sizing workloads, we enable clients to achieve significant cost reductions, improved performance, enhanced resilience and better outcomes while maintaining high-quality public service delivery.

Service Scope and Approach

The service initiates with a data-driven discovery phase, collaborating with IT operations teams, finance leads, and service owners to gather usage metrics, performance data, and configuration details from cloud platforms (e.g., AWS, Azure, Google Cloud).

Key elements of our approach include:

- **Resource Usage Auditing**: Comprehensive analysis of compute, storage, database, and network utilisation using native cloud monitoring tools, historical data, and tagging strategies to establish accurate baseline consumption patterns.
- **Performance and Waste Identification**: Benchmarking against best practices to detect inefficiencies, such as idle instances.
- **Right-Sizing Recommendations**: Modelling optimal configurations, including instance type/family changes, reserved instances/commitment discounts, serverless alternatives, or storage lifecycle policies, with scenario-based projections for cost, performance, and sustainability impacts.
- **Prioritisation and Sustainability Focus**: Ranking opportunities by quick wins, effort, and return, incorporating green computing considerations like energy-efficient instance selection and workload consolidation.

Deliverables

Clients receive a full suite of optimisation outputs, including:

- A comprehensive optimisation report with waste summaries, performance benchmarks, and detailed right-sizing proposals.
- Cost-benefit models showing projected savings, payback periods, and non-financial benefits (e.g. carbon reduction estimates).
- Prioritised implementation roadmap with phased actions and risk considerations.
- Reusable artefacts such as tagging strategies, monitoring templates, and policy guidelines for ongoing optimisation.

All deliverables are presented in accessible digital formats compliant with WCAG standards and suitable for integration into finance, procurement, or sustainability reporting.

Engagement Model

Engagements typically span 5-9 weeks, depending on the number of cloud accounts, services in scope, and data availability, with delivery available remotely, on-site, or hybrid to minimise operational impact. We conduct collaborative review workshops to validate findings. Pricing is fixed fee, scoped during initial consultations with options for phased delivery aligned to budget cycles.

Value Proposition

This service drives substantial financial and operational improvements by eliminating waste and aligning resources to need, commonly delivering reductions in cloud spend alongside enhanced application performance and reliability. Local authorities gain better budget predictability, reduced environmental impact, and freed-up funds for frontline services or further innovation. Our deep public sector experience ensures practical, low-risk recommendations that support long-term cost governance, compliance with spending controls and sustainable digital transformation.

This service is advisory and analytical, focusing on assessment, modelling, and recommendations without including configuration changes, implementation, or ongoing managed services, enabling seamless integration with other G-Cloud offerings or internal teams for execution.