

Hybrid Multi-Cloud Readiness for UK Public Sector

Customer: Major UK Public Sector Authority
Industry: Public Sector / Local Government | Region: United Kingdom

CUSTOMER BACKGROUND

A newly formed unitary local authority in the UK was established through the local government reorganisation and merger of four predecessor councils. This operational shift consolidated four separate IT organizations, fragmented application estates, multiple legacy datacenters, and uncoordinated public cloud subscriptions under a single public sector entity. To achieve long-term efficiency and streamline service delivery across its region, the authority required complete visibility to reconcile its combined infrastructure into a unified cloud strategy.



PROJECT OVERVIEW

The project required a comprehensive discovery and cloud readiness evaluation covering ~800 servers distributed across four legacy on-premises datacenters, Microsoft Azure, and AWS. The mandate demanded full inventory reconciliation, inter-datacenter network traffic analysis, right-sized multi-cloud cost modeling, and logical wave-group planning under strict UK public sector governance and compliance rules.

CHALLENGES



Multi-Environment Scope

Assessing ~800 servers distributed across four legacy datacenters.



Dependency Mapping

Capturing inter-datacenter network traffic and process connections to de-risk migration planning.



Public Sector Compliance

Adhering strictly to UK public sector security frameworks, GDPR rules, and ISO 27001 standards.



Cloud Cost Visibility

Evaluating multi-cloud pricing models across Azure and AWS to establish accurate post-migration TCO.



Wave Planning Accuracy

Structuring logical migration move-groups without disrupting live public sector digital operations.



Executive Decision Support

Generating actionable reporting to align council leadership on cloud architecture sign-offs.

SOLUTION APPROACH



Hybrid Discovery Engine

Deployed agentless discovery powered by Corent MaaS to evaluate legacy datacenters and multi-cloud nodes.



Inter-DC Traffic Analysis

Mapped process communication channels and connection strength to establish clear workload boundaries.



Compliant Data Collection

Executed assessments using bank-grade security protocols aligned with GDPR and ISO 27001.



Multi-Cloud Flavor Sizing

Applied dynamic right-sizing algorithms to compare target infrastructure costs on Azure and AWS.



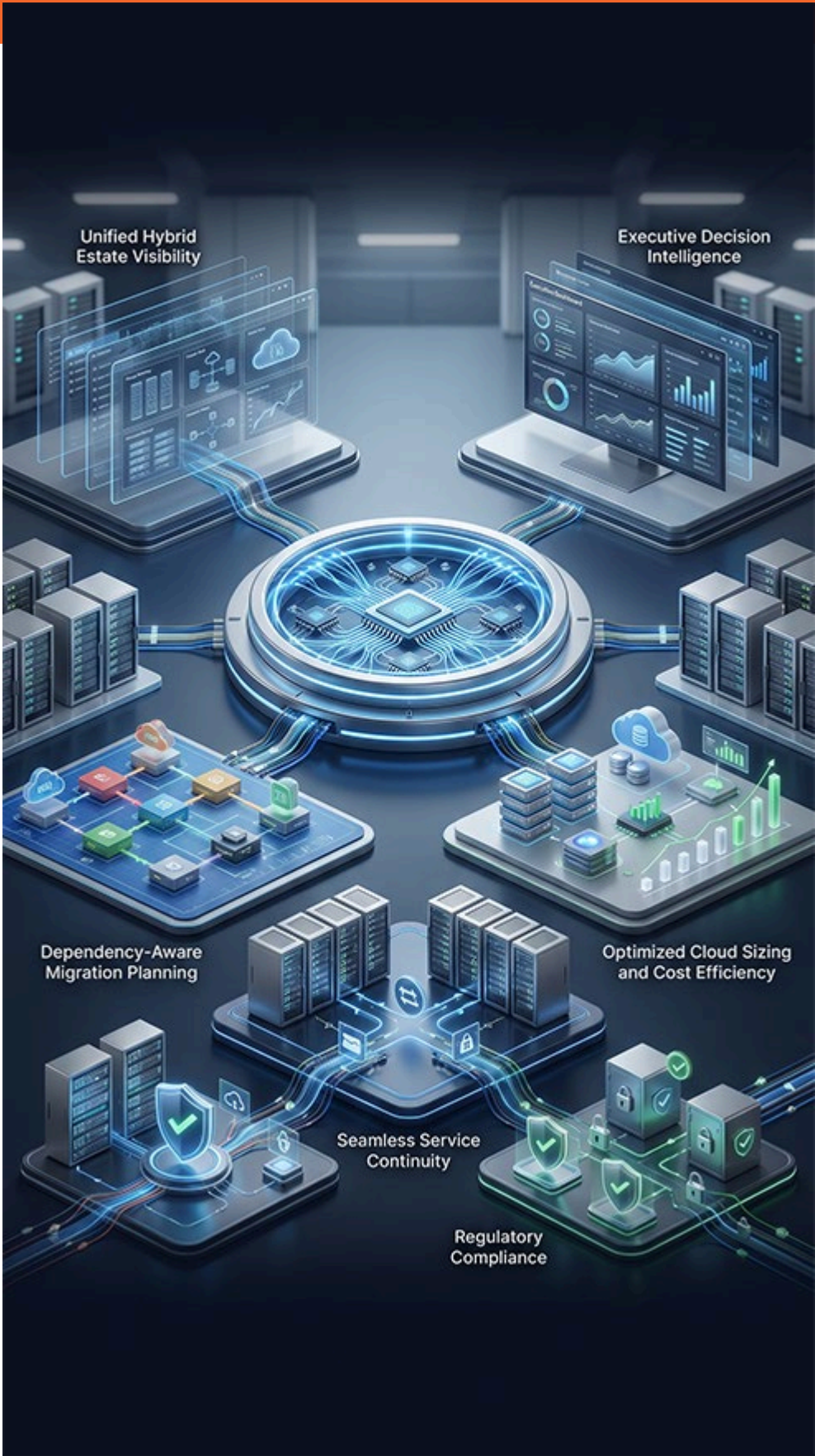
Automated Wave Structuring

Grouped interconnected workloads into risk-mitigated move-groups for phased cloud deployment.



Executive TCO Reporting

Provided nuanced decision reports providing transparent workload cost projections.



BUSINESS IMPACT

Corent MaaS successfully delivered total estate visibility across ~800 hybrid servers, resolving hidden asset dependencies and reconciling legacy inventories. The authority received right-sized target cloud cost models for Azure and AWS alongside validated migration move-groups, eliminating risk for future cloud execution and giving executive leadership a data-backed transition roadmap.

STRATEGIC VALUE DELIVERED

Hybrid Estate Visibility	Achieved single-pane discovery across 4 legacy datacenters, Azure, and AWS workloads.
De-Risked Wave Planning	Identified application interdependencies to prevent outage risks during workload shifts.
Optimized Target Sizing	Delivered accurate Azure and AWS cost models to prevent cloud over-provisioning.
Seamless Service Delivery	Executed direct platform discovery and analysis via Corent MaaS to support client migration goals.
Strict Regulatory Compliance	Fulfilled public sector data governance requirements, including GDPR and ISO standards.
Accelerated Executive Alignment	Provided clear data-backed TCO models to streamline leadership business case approval.

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