

[amber labs]

Amber Labs

Secure Transformation, Without Compromise

AN INTRODUCTION

INTRODUCTION TO AMBER LABS

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SME Digital Transformation Consultancy - Amber Labs are a specialist consultancy helping Public Sector deliver technology change at a pace

Robust and Transparent Delivery & Governance - our processes align to the Service Manual and Technology Code of Practice

Rapid Consultant Deployment Framework - our deployment framework ensures we provide value in weeks rather than months

Diverse Presence & Capability - we have 100+ Consultants deployed across a range of Government departments, with over 80% of our staff living outside of London

CLIENTS



TECHNOLOGY



GOVERNMENT ALIGNMENT



Our work follows
Government Service
Standards



Cyber Essentials Plus
Certified



100% of staff are BPSS
& majority Security
Cleared

OUR CAPABILITIES

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DATA ENGINEERING	AI & ANALYTICS	CLOUD ENGINEERING	DIGITAL TRANSFORMATION	DELIVERY
Data Quality	Business Intelligence	DevOps	Front End Development	Testing
Data Architecture	Generative AI	Cloud Provisioning	Back End Development	Business Analysis
Data Governance	Data Mining	Cloud Security	Full Stack Development	PMO
Data Integration	RPA	Deployment Automation	Enterprise Architecture	Resource and Budget Management
MDM	Predictive Analytics	Cloud Monitoring	UI/UX Design	Agile/Scrum Delivery
Data Lake & Warehouse	Machine Learning	Cloud Architecture	Solution Architecture	
	Data Science		Business Architecture	
			Software Engineering	

ARCHITECTURE & DESIGN AUTHORITY

SERVICE DEFINITION

ARCHITECTURE & DESIGN AUTHORITY

We deliver enterprise-grade architecture governance for cloud, data and AI platforms, covering AI model lifecycle management, data pipelines, and integration patterns. We define standards, reference architectures, and architecture decision records to enable secure, interoperable, and compliant AI-enabled services across brownfield and multi-supplier environments.

SERVICE FEATURES

- Target and reference architecture outputs aligned to delivery and assurance requirements.
- Architecture decision records capturing rationale, risks, trade-offs, and approvals.
- Standards and patterns library supporting consistent, reusable, compliant technical designs.
- Non-functional requirements definition covering security, performance, resilience, scalability needs.
- Integration patterns catalogue enabling interoperable APIs, data, and AI services.
- Design reviews and architecture clinics providing early technical assurance and guidance.
- Exception handling process for managing deviations with documented approvals.
- Governance cadence and reporting aligned to programme assurance and oversight.
- Operability considerations and guidance covering support, monitoring, and service management.
- Transition and handover packs supporting operational readiness and supplier continuity.

SERVICE BENEFITS

- Reduced risk of incompatible architectures through assured, standards-based governance.
- Faster delivery through approved reference architectures and reusable standards.
- Clear, auditable trail for architecture decisions supporting compliance and assurance.
- Reduced rework through early technical assurance and design decisions.
- Improved interoperability across systems using standardised APIs, data, and AI.
- Stronger security and resilience aligned to government and NCSC principles.
- More consistent delivery across suppliers through shared architectural standards.
- Faster assurance and approvals through clear governance and documented decisions.
- Reduced dependency on individuals through documented architectures and knowledge transfer.
- Improved operational readiness through production-aligned, supportable architecture designs.

SUMMARY

- We provide design authority to help public sector organisations make clear architecture decisions that support delivery at pace without losing control.
- A Starter phase is often used to confirm target architecture, non-functional requirements and key integration constraints, with Scale support used to embed standards and guide delivery teams.
- Where ongoing governance is required, we can provide a light-touch Run cadence for design reviews and decision support.

APPROACH

- Starter to confirm architecture scope, constraints and priority decisions
- Produce target architecture and reference patterns for reuse across teams
- Define non-functional requirements (NFRs) and operability expectations
- Run design reviews and architecture clinics to unblock delivery
- Support integration decisions across identity, APIs, events and networks
- Optional Run cadence for continued design authority and standards maintenance

GOVERNANCE

- Decision-making framework with clear roles, thresholds and exception handling
- Architecture decision records (ADRs) capturing trade-offs and rationale
- Reference architectures and patterns library to support consistency
- NFR pack covering performance, resilience, security and operability
- Controls mapping inputs to support assurance and audit evidence
- Design review notes and decision log for traceability
- Handover pack with architecture artefacts and implementation guidance
- Run (if purchased): scheduled reviews, MI reporting and continuous improvement backlog with agreed cadence

Get in touch



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