

[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	

NON-FUNCTIONAL TESTING

SERVICE DEFINITION

NON-FUNCTIONAL TESTING

We help public sector organisations validate non-functional requirements, so services can meet expected performance and resilience needs before go-live and major changes. We provide assessment and delivery support that produces clear thresholds, evidence and remediation actions.

SERVICE FEATURES

- NFR definitio
- Performance testing
- Resilience testing
- Security testing
- DR validation
- Remediation backlog
- Observability requirements
- Evidence artefacts
- Handover packs
- Advisory or delivery engagement

SERVICE BENEFITS

- Reduced outage risk
- Increased go-live confidence
- Improved service continuity
- Clear audit decisions
- Reduced delivery risk
- Better operational readiness
- Reduced assumptions risk
- Improved reliability
- Better stakeholder confidence
- Reduced late-stage fixes

SUMMARY

- We help public sector organisations validate non-functional requirements so services perform reliably under load and recover safely from failure.
- Work often starts with a Starter phase to define NFRs and test scope, followed by a Scale phase to execute testing and support remediation planning.
- This service is focused on testing and improvement support rather than ongoing 24/7 operations.

APPROACH

- Starter to confirm NFRs, scope and test approach
- Design performance and resilience test scenarios aligned to critical journeys
- Execute load, stress and reliability testing in suitable environments
- Analyse results and produce a prioritised remediation backlog
- Re-test to confirm improvements and support release decisions
- Support operational readiness planning where findings impact live service

GOVERNANCE

- Test strategy and test reports (functional and NFR-focused)
- NFR pack including thresholds, assumptions and constraints; Decision log for go/no-go and remediation prioritisation
- Evidence pack suitable for assurance and audit needs
- Monitoring readiness recommendations linked to SLIs/SLOs where appropriate
- Handover pack including test assets, scripts and knowledge transfer
- This service supports risk reduction but does not guarantee performance in all live conditions

Get in touch



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