

[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	

TEST AUTOMATION ENGINEERING

SERVICE DEFINITION

TEST AUTOMATION ENGINEERING

We help public sector organisations build maintainable test automation, so teams can run reliable regression checks and reduce manual effort without creating fragile test suites. We provide delivery and run support to embed automation into pipelines and ways of working.

SERVICE FEATURES

- Automation assessment.
- Framework design.
- Pipeline integration.
- Coverage approach
- Test data approach.
- Useability testing.
- Reporting dashboards.
- Evidence artefacts.
- Handover packs.
- Scaleability and reliability.

SERVICE BENEFITS

- Faster regression testing.
- Reduced manual effort.
- Improved service continuity.
- Clear audit decisions.
- Reduced specialist dependency.
- Improved test reliability.
- Better quality visibility.
- Better cost predictability.
- Reduced delivery risk.
- Increased release confidence.

SUMMARY

- We help public sector organisations build maintainable test automation so quality checks run consistently and releases can move with more confidence.
- Delivery is typically through a Scale phase to design frameworks and integrate them into delivery pipelines, with an optional Run service to maintain automation and improve coverage over time.
- The focus is on automation that teams can own and evolve.

APPROACH

- Assess current automation maturity and priority risks.
- Design automation approach aligned to service journeys and delivery cadence.
- Build automation framework with clear structure and maintainability practices.
- Integrate automated tests into CI/CD pipelines and release workflows.
- Improve reliability by reducing flaky tests and stabilising execution.
- Optional Run service to maintain automation, reporting and continuous improvement.

GOVERNANCE

- Automation framework and coding standards pack.
- Quality gate approach for automated test execution.
- Test reporting pack showing trends, coverage and reliability.
- Decision log for automation scope and trade-offs.
- Evidence capture approach for audit and assurance needs.
- Runbooks for running, maintaining and troubleshooting tests.
- Run (if purchased): MI reporting, service reviews and prioritised improvement backlog.
- Transition-in/out (2–6 weeks) for Run including onboarding, knowledge capture and exit plan.

Get in touch



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