



Evidence-Backed Modern Engineering

A KPMG Service for G-Cloud 15



KPMG About us

KPMG is one of the largest AI Platforms & Cloud Engineering Advisory and Implementation providers in the UK. We bring end-to-end services across the entire cloud life-cycle from Strategy and Planning, to Architecture and Build, through to running Secure cloud-native applications. This is enabled by our diverse, industry-leading and multi-disciplined experts.

 AI Platforms & Cloud Engineering in its 10th year	 1000+ AI Platforms & Cloud Engineering Team (670+ Engineers & Architects, 500+ Advisory & Delivery consultants)	 2000+ AI & Cloud certifications in Azure, Google, AWS	 £30M + AI Platforms & Cloud Engineering spend supported annually	 600+ AI Platforms & Cloud Engineering projects completed	 50%+ Focused on highly regulated industries
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AI Platforms & Cloud Engineering Practice

- Deep domain experience across a wide range of Cloud providers and technologies
- Leading and award-winning scaled engineering capability
- Long established consulting approach and methodologies

Our Principles

- Industrialised approach reusing assets and accelerators
- Automate everything
- Deliver value for money
- Pride ourselves on high quality outcome deliverables

How we Operate

- Sprint based projects for fast iterative results
- Delivering with our clients using outcome focused multi-disciplinary teams
- Strong, established network to ensure partnering excellence

Our Core Propositions

Besides the core propositions we deliver **240+** services mentioned in our Service Catalogue

Operational Excellence 	AI Powered Modern Platform 	Modern Engineering 	Value & Sustainability 	AI Powered Application Modernisation 
• Cloud CoE & Target Operating Model • Cloud Programme Risk and Assessment • Cloud Maturity Assessment	• Cloud Design, Build, Migrate & Transform • Cloud Risk Controls & Cyber • Cloud Security Architecture	• DevOps & DevSecOps • Secure SDLC • Site Reliability Engineering (SRE)	• ESG • Sustainable Technology • Cloud Cost Management & Financial Optimisation (FinOps)	• Gen AI • Cloud Data & Analytics • Logging and Monitoring

Across our many delivery centres, we work with clients of all industries, specialising in complex, high risk or regulated sectors.



Combining our expertise with our alliance tech solutions, we harness the power of smart technologies. Together, we solve your most complex business issues to create sustainable success.



Modern Engineering

Service Description:

KPMG's evidence-backed Modern Engineering service empowers organisations to design, build and run digital products with greater speed, quality and resilience. By integrating best-in-class developer experience (DevEx), secure-by-design engineering, platform engineering, intelligent automation and AI-enabled delivery, we help teams eliminate friction, accelerate innovation, and adopt modern, scalable engineering practices that deliver lasting value.



Service Categories

- Developer Experience & Productivity (DevEx)
- Platform Engineering
- Secure Software Development Lifecycle (SSDLC)
- Engineering Excellence
- Intelligent Automation & AI Engineering



Service Benefits

- 30–40% reduction in software delivery lead time
- 60% improvement in engineering sentiment and retention
- 15–25% improvement in software quality
- 15–25% productivity uplift via GenAI tooling
- Reduction in friction across delivery value streams
- Adoption of standardised secure patterns
- Consistent engineering practices aligned to Modern Engineering maturity model levels (1–5)
- Faster path from PoC → Production through platform engineering accelerators



Service Features

Modern Engineering Assessment

- Review current engineering capabilities
- Benchmark against the Modern Engineering Maturity Model (Levels 1–5)
- Identify constraints and friction points and key improvement levers

Interactive Exploratory Workshop

- Facilitated session to uncover delivery bottlenecks
- Utilises accelerators, insights, and value-stream mapping
- Requires participation from stakeholders across the software delivery lifecycle

Tailored Roadmap & Action Plan

- Prioritised recommendations aligned to medium and long term horizons
- Covers areas such as Platform Engineering, Shift-Left Security, Developer Experience
- Provides clear, actionable steps for capability uplift

Enablement of Secure & Platform Capabilities

- Implementation of golden paths and secure engineering patterns
- Deployment of IaC templates and automation accelerators
- Support for Landing Zone and platform modernisation

Full Lifecycle Support

- Planning, implementation, and continuous improvement
- Embedded feedback loops to evolve engineering practices
- Ensures sustainable adoption of modern engineering capabilities

Our Approach

KPMG applies a structured Modern Engineering approach designed to deliver a solution tailored to your organisation's needs. Drawing on our global frameworks, engineering expertise, and proven accelerators, we help uplift capabilities across DevEx, platform engineering, and SSDLC. This ensures a faster, more secure, and sustainable transformation.



Requirements

- Access to engineering teams and stakeholders who understand current end-to-end delivery processes
- Ability to provide current toolchain, platform landscape, and delivery metrics
- Commitment to participate in workshops, design sessions, and pilot implementations
- Sponsorship and engagement from technology leadership to drive adoption
- Availability of SMEs across DevEx, Platform Engineering, SSDLC, Observability, and AI Engineering
- Access to environments or sandbox environments required for implementation
- Agreement on governance model, delivery cadence, and collaboration channels



Activities

Diagnostic Activities

- Maturity assessment using the Modern Engineering Maturity Model
- Toolchain evaluation
- Observability and lifecycle review

Transformation Activities

- Design and deployment of platform engineering components (e.g., landing zones, developer portals)
- Introduction of AI-enabled developer tooling
- Shift-left implementation including security testing, code scanning, and SAST/DAST configuration

Enablement Activities

- Training sessions
- Pairing and mentoring with engineering SMEs
- Creation of playbooks and patterns (e.g., SSDLC, solution patterns)

Continuous Improvement Activities

- KPI and metrics tracking
- Ongoing optimisation of engineering patterns



Outcomes

- **Improved Engineering Productivity:** Teams deliver faster with fewer blockers.
- **Enhanced Software Quality & Security:** Shift-left controls reduce defects and risks.
- **Modernised Engineering Platforms:** Golden paths and accelerators streamline delivery.
- **Data-Driven Decision Making:** Clear metrics guide better engineering decisions.
- **Future-Ready Engineering Capability:** Continuous improvement and AI prepare teams for change.



High-Level Timelines

Our timeline follows a phased Modern Engineering approach, aligned to discovery, design, and implementation activities required to enable delivery and transformation over 6 weeks to 6 months.

Why KPMG



Top Professional Brand

KPMG has a strong brand and excellent reputation. We are focused on customer needs and have a pragmatic approach for the design and delivery of our Projects. Our team has a proven track record of delivering similar engagements and an intimate knowledge of challenges faced by our clients.



Constructive Input and Challenge

We consider it to be our responsibility to bring an independent perspective and constructively challenge existing processes and systems. We will highlight and share with you both internal and external leading practices.



We Employ a Collaborative and Integrated Team Approach

We deliver a full suite of evidence-backed recommendations in collaboration with KPMG sector and technical experts in all parts of our business around the globe. By working in multi-disciplinary teams, we can deliver holistic thinking and insights for even the most complex challenges.



We Have Strong Relevant Recent Credentials

We have worked across multiple industries and will bring insights from other sectors to challenge your thinking. We have vast Cloud and DevOps expertise within our technology practice in the UK region alone, who cover everything from hosting strategies to building landing zones. We produce agile, resilient and efficient IT functions that support the wider enterprise.

Our Team, Stories and Solutions

Business Outcomes Powered by Cloud

Our Solutions

Cutting-edge technology, business focused solutions

Our Stories

Discover the impact we've made in the Cloud industry

Our Insights

What are the big issues at the top of your business agenda? Read our latest thinking and research to stay on top of change.

AI and Machine Learning

Thought-leadership, expert analysis, and guidance on all things AI.

AI and Machine Learning

Technology and innovation

Trusted insights and actionable advice on emerging technologies.

Technology and Innovation



The CEO Guide to AI Value

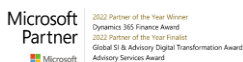


Agentic AI: the what, the why and the how

And many more....

KPMG Industry Analyst Recognition

Industry analysts recognition and accolades - KPMG Global



Microsoft Partner of the Year for 2023
Microsoft Prestige Award for Supplier of the Year



KPMG named a **Global Leader** in Verdantix Green Quadrant: **ESG and Sustainability Consulting 2024**



Global Partner of the Year 2024
Google Cloud DE&I Partner 2024



2x Guinness World Records for DevOps and Cloud Upskilling

DevOps upskilling in KPMG and the community



2020, 2021, 2022

Highly Commended / DevOps Leader of the Year 2023



The Forrester Wave™: Cybersecurity Consulting Services in Europe, Q1 2024





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