KPMG

Evidence-Backed DevOps

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

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

- Cloud CoE & Target Operating Model
- Cloud Programme Risk and Assessment
- Cloud Maturity Assessment

AI Powered Modern Platform

- Cloud Design, Build, Migrate & Transform
- Cloud Risk Controls & Cyber
- Cloud Security Architecture

Modern Engineering

- DevOps & DevSecOps
- Secure SDLC
- Site Reliability Engineering (SRE)

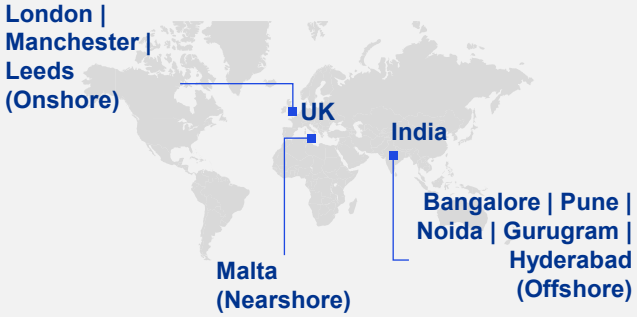
Value & Sustainability

- ESG
- Sustainable Technology
- Cloud Cost Management & Financial Optimisation (FinOps)

AI Powered Application Modernisation

- 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.

Microsoft · IBM · aws · ORACLE · Google Cloud · Red Hat · GitHub · salesforce · The Linux Foundation · servicenow · Tencent Cloud · workday. · SAS

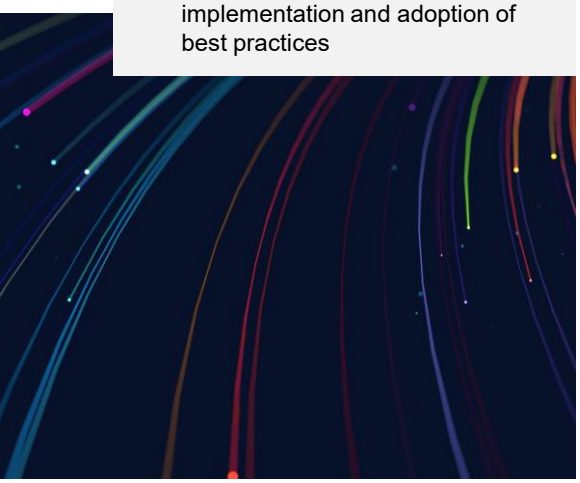
DevOps

Service Description:

KPMG's evidence-backed DevOps services combines software development and IT operations to improve the speed and quality of software delivery. They include continuous integration, continuous delivery, infrastructure as code, monitoring and logging, and collaboration and communication. The goal is to improve efficiency, reliability, and collaboration between teams.

Service Categories

- DevOps Maturity Assessment
- DORA Metrics
- SPACE framework
- DevOps implementation
- IaC Implementation for Platform
- Developer experience Implementation & Assessment
- Automation of existing DevOps set up
- Automated LandingZone Implementation on cloud
- Implementation, review and modification of Pipelines
- Implementation of DevOps implementation and adoption of best practices



Service Benefits

- Master time-to-market: Faster delivery of software changes to respond more quickly to changing market conditions and customer needs.
- Improved quality: DevOps practices such as continuous integration and delivery, automated testing, and infrastructure as code help to improve the quality of software and reduce the number of defects.
- Increased efficiency: DevOps practices help to streamline software development and deployment processes, which improves overall efficiency and reduces waste.
- Greater collaboration: DevOps practices encourage collaboration and communication between development and operations teams, which helps to break down silos and improve overall efficiency.
- Improved customer satisfaction: DevOps enables organisations to deliver software changes more quickly and with higher quality, which can lead to increased customer satisfaction.
- Better risk management: DevOps practices such as automated testing and infrastructure as code help to reduce the risk of software failures and security breaches.
- Increased agility: DevOps enables organisations to respond more quickly to changing market conditions and customer needs, which improves overall agility and competitiveness.

Service Features

- Automation: DevOps services automate many aspects of software development and deployment, including testing, deployment, and infrastructure management.
- Continuous Integration and Continuous Delivery (CI/CD): DevOps services enable continuous integration and delivery of software changes, which allows for faster and more frequent releases.
- Infrastructure as Code (IaC): DevOps services use code to automate the provisioning and management of infrastructure, which allows for more efficient and consistent infrastructure management.
- Containerisation and Orchestration: DevOps services enable the deployment and management of containerised applications, which allows for greater scalability and flexibility.
- Monitoring and Logging: DevOps services provide monitoring and logging capabilities to help teams identify and troubleshoot issues in real-time.
- Collaboration and Communication: DevOps services facilitate collaboration and communication between development and operations teams, which helps to break down silos and improve overall efficiency.
- Security: DevOps services include security features to ensure that software and infrastructure are secure and compliant with industry standards.
- Scalability: DevOps services are designed to be scalable, allowing teams to easily scale up or down as needed.
- Flexibility: DevOps services are flexible, allowing teams to choose the tools and technologies that best fit their needs.
- Analytics: DevOps services provide analytics and reporting capabilities to help teams measure and improve their performance over time.

Our Approach

KPMG proposes a well-defined approach that will assist in delivering a customised solution that meets your requirement. Using our global framework, industry experience and methodologies we will accelerate your journey to cloud, adoption of your operating model structure, creation of a resilient architecture and business case.

Requirements

- Current Organisational Design and Operating Model
- Current Measurement of Continual Improvement
- Current Tooling Governance
- Current skill set of the organisation
- DevOps adoption strategy
- Reference architecture of the DevOps tools across platform and Applications
- Golden Pathways if followed
- Developer Platform Experience
- Measurement metrics around DORA

Activities

Frame

- Problem statement
- Document the current ways of working and DevOps maturity
- Understand & analyse the enterprise level, operation level & technical level details
- Understand the current tooling and skill level maturity

Discover

- Deep dive into the analysis to verify the cause-and-effect relationships
- Map out the value stream and the Build and Delivery pipeline, and DevOps Toolchain
- Create the strategy document for DevOps

Design

- Prioritise and develop the strategy recommendations
- Organise into Objectives and Key Results (OKR's)
- Create the Backlog and Plan the work

Deliver

- Form the Delivery Team
- Deliver and evaluate against the OKR's
- Then iterate for optimisation

Outcomes

People

- Team Topology
- SPACE framework
- Platform Engineering
- Learning Pathways

Automation & Tooling

- Shift Left Security Best practices
- Automated testing & framework, Controls, Golden pathway
- Tooling catalogue, Value stream Mapping, Enterprise tooling framework

Data & AI

- DORA Metrics, SPACE, Developer surveys
- AIOPS
- Observability & DevOps Assessment
- Insights and Metrics Platform
- Code Assistance & Delivery
- Log Monitoring

High-Level Timelines

Our indicative timeline is based on our experience of delivering similar engagements for multiple organisations. Once engaged, we will work with you to create and agree a bespoke plan to meet your specified requirements.

Weeks:

4-6 weeks: Maturity assessment and operating model definition

6-24 weeks: Implementation & automation

24 weeks+: Collaborative implementation for Optimised solution using new tools, automation & Data

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

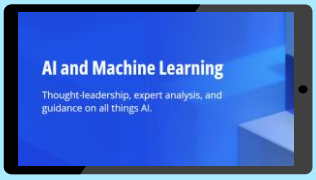
Cutting-edge technology, business focused solutions

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

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 — 2022 Partner of the Year Winner: Dynamics 365 Finance Award; 2022 Partner of the Year Finalist: Global SI & Advisory Digital Transformation Award; Advisory Services Award

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

VERDANTIX

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

Google Cloud

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

DevOps Industry Awards

2020, 2021, 2022

Highly Commended / **DevOps Leader of the Year 2023**

FORRESTER®

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

2x Guinness World Records for DevOps and Cloud Upskilling

DevOps upskilling in KPMG and the community

MCA AWARDS 2023

FT Financial Times / statista — UK'S LEADING MANAGEMENT CONSULTANTS 2023

WOMEN IN TECH EXCELLENCE AWARDS 2021

KPMG

Contact Us

Jonathan Grice

Partner, **Head of AI Platforms & Cloud Engineering Infrastructure Government and Healthcare**

KPMG LLP, CIO Advisory
15 Canada Square
London E14 5GL
jonathan.grice@kpmg.co.uk

Scott Ison

Modern Engineering Lead, **Head of Modern Engineering**

KPMG LLP, CIO Advisory
2 Forbury Place
Reading RG1 3JH
scott.ison@kpmg.co.uk

kpmg.com/uk

Document Classification: KPMG Confidential

CREATE. | CRT164925A January 2026