

# Evidence-Backed Infrastructure Operational Excellence

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.

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

## 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

|                                                                                                                                                                                |                                                                                                                                                                                    |                                                                                                                                                 |                                                                                                                                                                  |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operational Excellence</b>                                                               | <b>AI Powered Modern Platform</b>                                                               | <b>Modern Engineering</b>                                    | <b>Value &amp; Sustainability</b>                                           | <b>AI Powered Application Modernisation</b>   |
| <ul style="list-style-type: none"> <li>• Cloud CoE &amp; Target Operating Model</li> <li>• Cloud Programme Risk and Assessment</li> <li>• Cloud Maturity Assessment</li> </ul> | <ul style="list-style-type: none"> <li>• Cloud Design, Build, Migrate &amp; Transform</li> <li>• Cloud Risk Controls &amp; Cyber</li> <li>• Cloud Security Architecture</li> </ul> | <ul style="list-style-type: none"> <li>• DevOps &amp; DevSecOps</li> <li>• Secure SDLC</li> <li>• Site Reliability Engineering (SRE)</li> </ul> | <ul style="list-style-type: none"> <li>• ESG</li> <li>• Sustainable Technology</li> <li>• Cloud Cost Management &amp; Financial Optimisation (FinOps)</li> </ul> | <ul style="list-style-type: none"> <li>• Gen AI</li> <li>• Cloud Data &amp; Analytics</li> <li>• Logging and Monitoring</li> </ul> |

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.



# Infrastructure Operational Excellence



## Service Description:

KPMG's evidence-backed Advisory service helps leaders unlock meaningful value from cloud by aligning cloud strategy to business goals. As organisations shift to a digital-first world, CIOs and CTOs are evolving from managing infrastructure to driving innovation. We design modern cloud strategies that enhance scalability, strengthen resilience, and enable continuous transformation across platforms and teams.



## Service Categories

- Cloud Centre of Excellence (CoE) & Target Operating Model
- Enterprise Architecture
- Multi-Cloud & Vendor Strategy
- Secure Cloud Foundations
- Cloud Programme Risk and Assessment
- Cloud Maturity Assessment
- Cloud Skills & Talent Enablement



## Service Benefits

### Accelerate business performance

Drive high-performance cloud operations by boosting agility, scalability, and time-to-market while embedding strong governance, compliance, customer focus, and security to enable efficient, reliable, and sustainable cloud adoption.

### Future-Ready Cloud Architecture & Governance

Through strengthening governance, improving workload efficiency, and aligning technology decisions to business goals for faster, safer transformation.

### Optimised Multi-Cloud & Vendor Strategy

Enables resilient, flexible cloud operations by optimising vendor partnerships and designing hybrid/multi-cloud architectures that improve choice, reduce risk, and ensure compliance across platforms.

### Integrated Cloud Security & Compliance

Delivers a resilient, compliant cloud environment by embedding strong security controls, identity management, and DevSecOps into core architecture and operations.

### Modern Cloud Architecture & Governance

Enable evidence-based, efficient cloud delivery by uniting robust assurance and governance with deep specialist expertise across cloud, AI, cyber, data, and design, while driving spend optimisation, secure-by-design controls, clear KPIs, and streamlined resources.

### Build an innovation-driven, high-performing workforce

Build a capable, future-ready cloud workforce by developing talent, closing skills gaps, and embedding continuous learning to ensure teams can effectively operate, evolve, and innovate in the cloud.



## Service Features

### Cloud Operating Model & Organisational Design

Define and implement a scalable cloud operating model by establishing the required capabilities, governance, architecture, and optimisation frameworks while shaping the organisation's structure, skills, culture, and delivery model to enable reliable, high-quality cloud adoption and operations.

### Unified Cloud Architecture, Security & Multi-Cloud Strategy

Deliver an end-to-end, future-ready cloud foundation that strengthens governance, enhances workload efficiency, embeds robust security and compliance, and optimises hybrid/multi-cloud and vendor strategies to enable resilient, secure, scalable and business-aligned cloud operations.

### Flexible programme assessment

Provide a flexible, delivery-agnostic assessment framework that supports any transformation stage while strengthening delivery confidence through focused assurance, risk management, programme recovery, and readiness reviews.

### Cloud Maturity Assessment & Target State Definition

Assess cloud maturity and define the target state through stakeholder workshops, improvement analysis, risk-and-control assessment, and benchmarking, delivering clear recommendations and prioritised actions to guide effective investment and transformation.

### Develop a Future-Ready Cloud Workforce

Develop talent, close skills gaps, and embed continuous learning so teams can confidently operate and innovate in the cloud.

# Our Approach

KPMG can unlock the full value of sustainable cloud operations, delivering deep visibility into resource consumption and cost drivers while identifying high-impact optimisation opportunities. By modernising and right-sizing cloud environments, we reduce spend, cut carbon emissions, and minimise operational risk, by driving measurable, sustainable business outcomes.



## Requirements

### Assess current cloud operating effectiveness

Understanding existing processes, capabilities, governance forums, tooling, sourcing models, and ways of working.

### Evaluate organisational readiness for cloud

Assess people and skills, service delivery models, and the KPIs and metrics used to oversee IT and cloud performance.

### Cloud Strategy & Architecture

Cloud strategy and roadmap, architecture blueprints, automation approach, and current security landscape.

### Operational & Financial Insights

Billing and financial information, vendor services, and the as-is IT estate including applications, infrastructure, tooling and existing architectures.

### People & Capability Readiness

Skills matrix, organisational capability insights, and the resources required to support future cloud delivery.



## Activities

### Initiate and assess the current cloud landscape

Establish programme foundations and conduct discovery to understand current operations, architecture, policies, skills, cloud usage, security, automation and FinOps maturity.

### Evaluate maturity and identify gaps

Analyse capabilities, processes, tools, governance, KPIs and sourcing against the KPMG maturity model to surface risks, gaps and improvement opportunities.

### Design the target cloud operating model

Define the future-state model across capabilities, processes, tooling, governance, KPIs, organisational structure, talent model and required interventions

### Implement and scale the model

Develop the implementation roadmap and change plan, define upskilling needs, roll out tooling and KPIs, and run governance forums to guide and scale the rollout.



## Outcomes

### A clearly defined cloud operating model

Aligned capabilities, governance guardrails, tooling strategy, and a skilled organisation fully equipped to operationalise and sustain cloud adoption and business outcomes.

### A comprehensive Cloud Assessment Report

Outlining current maturity, gaps to target state, key recommendations, a prioritised roadmap of initiatives, and FinOps optimisation opportunities.



## High-Level Timelines

Timeline is based on our experience of delivering similar engagements. Once instructed, we will work with you to create and agree a plan, which should show benefit within two weeks and typical engagements are 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**





# 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](mailto:jonathan.grice@kpmg.co.uk)



## Amit Kumar

Director,  
Head of AI and  
Cloud Propositions

KPMG LLP,  
CIO Advisory  
15 Canada Square  
London E14 5GL  
[amit.m.kumar@kpmg.co.uk](mailto:amit.m.kumar@kpmg.co.uk)



[kpmg.com/uk](https://kpmg.com/uk)

© 2026 KPMG LLP, a UK limited liability partnership and a member firm of the KPMG global organisation of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee. All rights reserved. Document Classification: KPMG Confidential

**Document Classification: KPMG Confidential**

CREATE. | CRT164925A January 2026