

Evidence-Backed Platform Modernisation

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 **120+** 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.



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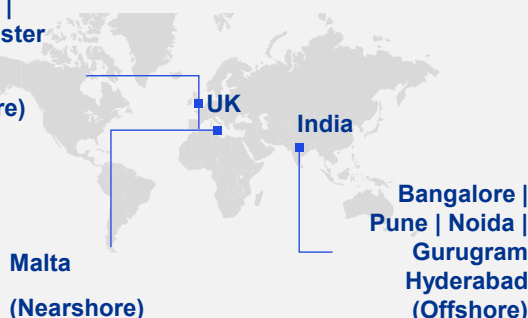
Our Core Propositions

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 
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London |
Manchester
Leeds |
(Onshore)



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Platform Modernisation



Service Description:

KPMG's evidence-backed platform modernisation transforms existing technology platforms to align with evolving business needs and leverage technology advancements. It involves on premise transformation, hybrid deployment, cloud migration, application modernisation, infrastructure optimisation, CI/CD implementation, Infrastructure-as-code (IaC), DevOps adoption. This comprehensive service enhances efficiency, scalability, security, and innovation.



Service Categories

1. Platform modernisation
2. Hybrid cloud solutions
3. On-premise environments
4. Self-service, XaaS & automation
5. Regulatory compliance
6. Security
7. Capacity & performance
8. Infrastructure design
9. Risk reduction and management
10. Cost management & FinOps
11. Environmental and ESG
12. Data Centre Simplification



What are the benefits of KPMG Powered IT service?

1. Legacy system modernisation improved performance, support and compatibility
2. Supports migration to cloud platforms for long-term strategic gains
3. Cost reduction from moving away from mainframes to commodity platforms
4. Virtualisation and containerisation to provide greater flexibility and portability
5. Agility and DevOps, automating development, testing, and deployment
6. Security through implementing modern encryption, identity management, and threat detection
7. Management of technical debt and legacy through transformation
8. Reduces technology risk through modernisation
9. Unlocks potential sources of business insight from closed systems
10. Focus on sustainability



Service Features

1. Full integration with global KPMG cloud transformation and migration services
2. Technical debt risk management, improved support, maintenance and scalability
3. Infrastructure design and assurance for compute, storage, networking
4. Public and private cloud migration delivery and preparation
5. Modern tooling to enable automated deployment approach and management tooling
6. Security through implementing modern encryption, identity management, and threat detection
7. Vendor and technology partner selection
8. Business case and transformation benefits realisation strategies
9. Strategic cost and utility resource management to optimise operational spend
10. Integration into hybrid environments for holistic management

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

- Technology strategy
- Legacy infrastructure, OS, or Middleware Platform (mainframe, VM Ware, Windows, Linux, etc)
- Reliable CMDB
- Asset dependency mapping
- Performance metrics & logs



Activities

Discovery

- Collation of client supplied infra/workload structured data into single source of truth
- Platform capability and requirement mapping

Preliminary Recommendations

- Workload disposition
- Optimise / modernise / retire
- Workload component treatments
- Platform improvements
- Tooling options
- Alignment to client roadmap

Modernisation Hosting Options

- Workload disposition detailed breakdown, BOM and conversion standards
- Workload dependency mapping
- Future state reference
- Workload migration

Modernisation Hosting Costings

- Future state hosting costings
- Licensing / tech stack / data costings
- Migration costings
- Parallel run costings
- As-is total cost of operating vs future state run



Outcomes

Cost Reduction

Modernisation to commodity components and pricing enables significant cost reduction through reduced, operating, maintenance and support costs.

Agility

CI/CD software development and automated infrastructure management through IaC coupled with open standards enable efficiency gains and greatly increase agility to react to changing business requirements

Reduce Risk / Dependency

Modernisation reduce dependencies on legacy functionalities, unsecure and unsupported toolsets, and scarce skill sets.

Long Term Strategy

Modernisation enables future transformation eg to microservice based architecture, while maintaining service stability and limiting transformation costs



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.

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

The CEO Guide to AI Value

Agentic AI: the what, the why, and the how

Agentic AI: the what, the why and the how

And many more....

KPMG Industry Analyst Recognition

Industry analysts recognition and accolades - KPMG Global



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



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



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