

Evidence-backed Comprehensive Cloud Transformation Solution

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.



Comprehensive Cloud Transformation Solution



Service Description:

KPMG's evidence-backed 'Comprehensive Cloud Transformation Solution' includes support across your end-to-end cloud journey from cloud strategy design, risk appetite definition, key metrics definition, materiality definition and workload classification, cloud security, resilience and technology policies design and implementation to migration planning and sequencing. These services drive efficiency, support regulatory compliance, reduce costs, and enable accelerated transition to cloud.



Service Categories

- Cloud strategy definition
- Risk appetite definition
- Key metrics definition
- Materiality definition and classification
- Cloud policies and procedures definition
- Migration planning and sequencing



What are the benefits of KPMG Powered IT service?

Cloud strategy definition

- Tailored alignment with business goals ensuring scalable, secure, and resilient operations.

Risk appetite definition

- Informed decision-making and proactive risk management aligned with business strategy.

KRIs, KPIs, and KCIs definition

- Metrics-driven risk and performance management for effective control and issue resolution.

Materiality definition and classification

- Understanding workload materiality informs migration planning and sequencing.

Cloud policies and procedures definition

- Ensures governance, security, compliance, and resilience in the cloud landscape.

Migration planning and sequencing

- Strategically planned transitions minimise disruption and optimise cost-efficiency.



Our service features

Cloud Strategy definition

- Tailored to align with business objectives, ensuring governance, security and resilience for enhanced security, resilience, scalability and benefits realisation.

Risk appetite definition

- Establishing acceptable risk levels in alignment to business strategy for informed decision-making and risk management.

KRIs, KPIs, and KCIs definition

- Metrics to measure risk, performance, control effectiveness and issue identification.

Materiality definition and classification

- Definition of materiality based on criticality, business impact and to support workload migration prioritisation and planning.

Cloud policies and procedures definition

- Define and implement cloud policies in alignment to the strategy ensuring governance for resilient, secure and regulatory compliant cloud landscape.

Migration planning and sequencing

- Strategically planning the migration of workloads through risk-based assessments to execute a smooth transition and minimise disruption.



Requirements

Cloud Strategy Definition

- Clear business objectives
- Current IT landscape overview
- Governance and risk expectations
- Target operating model inputs
- Regulatory/compliance needs
- Future-state architecture vision

Risk Appetite Definition

- Existing risk framework
- Current risk appetite statements
- Stakeholder input (CIO, CISO, Risk, Compliance) Regulatory expectations
- Assessment of cloud risk landscape

KRIs, KPIs & KCIs

- Existing risk/operational metrics
- Defined business and control objectives
- Governance/security requirements
- Available data sources and tooling
- Reporting responsibilities
- Baseline performance data

Materiality Definition & Classification

- Complete workload inventory
- Business impact assessments
- Criticality ratings
- Dependency mapping
- Service-level requirements (RTO/RPO)
- Data sensitivity/regulatory classifications

Cloud Policies & Procedures

- Existing policies and standards
- Cloud strategy and architecture principles
- Compliance obligations
- Input from key governance teams
- Operational process understanding
- Tooling for monitoring and automation

Migration Planning & Sequencing

- Application and infrastructure inventory
- Materiality outcomes
- Baseline performance/dependency data
- Landing zone readiness
- Defined risk appetite & policies
- Business availability needs
- Resource/capacity planning

Our Approach

KPMG proposes a well-defined approach that will assist in delivering a customised solution that meets your requirement. Using our global framework and industry experience we will accelerate your journey to cloud, adoption of your risk and control framework, risk appetite standards. This includes creation of risk appetite, cloud control framework and control validation techniques.



Activities

1. Establish Cloud Foundations

- Engage with key stakeholders to understand current risk appetite and inform cloud risk appetite.
- Review current policy, standards and frameworks to evaluate current risk landscape.
- Establish a Cloud Policy.

2. Define and Validate

- Review & validate your cloud controls and identify additional controls.
- Design cloud control framework in line with the new Cloud Policy.
- Cloud control design validation
- Collaborate with 1LoD, data migration, engineering, and control owners to finalise the definition of technical controls
- Define roles and responsibilities

3. Enhance and Monitor

- Orchestrate with 2LoD and 3LoD for controls assurance to enable risk committees and board sign off.
- Create a maturity report showing the areas of key concern and development.
- Facilitate workshops with key stakeholders to socialise control enhancements and identify automation opportunities.
- Recommend technology and tooling for Controls monitoring.



Outcomes

- Risk Appetite
- Cloud Policy
- Cloud control framework and RACI
- Control validation
- Tooling and automation opportunities
- Maturity reporting



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: 12 Weeks+

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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