

Evidence-backed Proof of Concept

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.

London |
Manchester |
Leeds
(Onshore)

UK
Malta
(Nearshore)

India
Bangalore | Pune |
Noida | Gurugram |
Hyderabad
(Offshore)

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.



Proof of Concept



Service Description:

Our evidence-backed Proof of Concept (PoC) service validates innovative ideas, including AI driven intelligence, agentic systems and autonomous decision making. Through rapid prototyping we evaluate viability, technical feasibility and market potential early. This approach accelerates innovation and technology adoption while reducing overcommitment and potential to risk.



Service Categories

- Prototype Development
- Technical Architecture
- Market Analysis
- Feasibility Studies
- Tech suitability
- Cost-Benefit Analysis
- Artificial intelligence
- Agentic workflows and automation
- Risk Assessment



What are the benefits of KPMG Powered IT service?

- Accelerated delivery from concept to implementation, reducing time to market.
- Reduce investment risks through informed decision making.
- Identify technical challenges and inform best fit technology selection.
- Enhance product market fit through early user feedback.
- Implementation plants and cost forecasting to facilitate stakeholder buy-in.
- Custom insights for strategic planning and further development.
- Reduce manual effort and cost through AI automation and integration.
- Evaluate adaptive and autonomous workflows enabled by agentic AI systems.



Service Features

- Rapid prototyping to test ideas in real-world scenarios.
- Functioning code aligning to your stack in short timeframes.
- Comprehensive market and feasibility analysis for more informed decision making.
- Detailed analysis of appropriate technologies to solve your challenge.
- Technical documentation to guide architectural decisions.
- Detailed Cost Analysis for budgeting and funding.
- Direct Stakeholder engagement for Feedback and validation.
- Guidance on transitioning PoCs to production-grade software.
- Customised report on findings and recommendations for next steps.
- User-centered design approach for optimal user experience.



Our Approach

KPMG proposes a well-defined approach that will assist in delivering a customised PoC that meets your requirements. 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

- Access to Subject Matter Experts (SMEs), Product Owners and Stakeholders for business input
- Access to technical teams, including Cloud and Software development teams to ensure alignment
- Access to key components, specifically services or data where they form a critical part of the PoC



Activities

We follow a four-step process for our proof-of-concepts.

Analyse

Our process begins with comprehensive analysis, diving into your project's objectives and target market. We evaluate technical viability, potential market impact, and alignment with your business strategy. This phase lays the groundwork for understanding the challenges and opportunities ahead.

Plan

Next, we define the PoC's scope, features, and timelines, aligning them with your goals. Risk analysis is integral to anticipate and address potential challenges. With agile methodologies, we establish clear milestones and deliverables, and operate in short sprint cycles to iterate and refine effectively.

Build

We swiftly develop prototypes and design technical architectures aligned with your stack. Engaging stakeholders throughout, we validate ideas and refine solutions, facilitating a seamless transition from idea to proof of concept.

Deliver

Finally, following a final round of testing, we present our PoC, explaining the journey to reach this point, the rationale for the decisions taken, and a path to production.



Outcomes

- **Tangible outcomes:** PoCs provide assets which can be used to solicit early user feedback and demonstrate value to assist stakeholder buy-in. The ability to visualise new functionality earlier in the development cycle can accelerate decision making and enhance product-market fit.
- **Accelerated Technology Adoption:** PoCs enable rapid review and adoption of new technologies; providing a competitive edge by swiftly integrating innovative solutions into your business.
- **Time and Resource Savings:** PoCs help to validate ideas quickly, reducing overall development time and saving resources that may have been allocated to unviable solutions. Regardless of the outcome, understanding where to invest in technology is extremely powerful.
- **Risk Reduction:** PoCs support informed decision-making, reducing investment risks by identifying technical challenges and limitations upfront, while also providing insights into future project costs and feasibility.



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: > 2 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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