



Driving value from your cloud investment

How KPMG can help

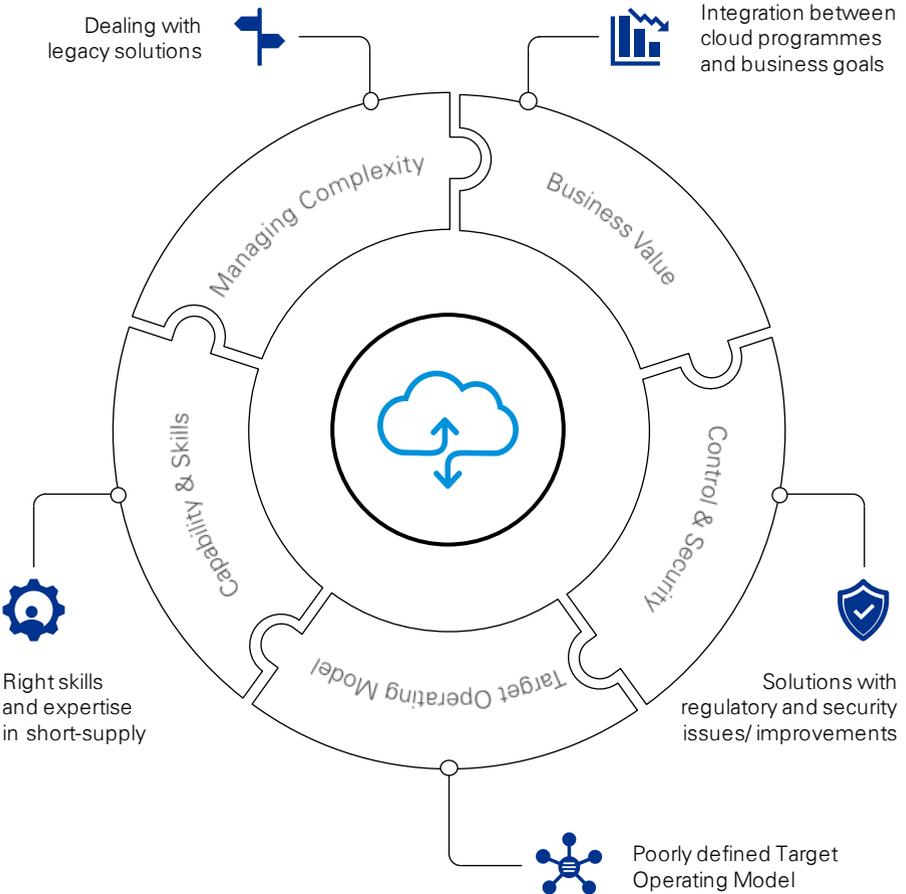
April 2022

kpmg.com/uk

Are you experiencing any of these common challenges?

Delivering a successful cloud implementation can be challenging, and organisations may face some hurdles along the way. Awareness of key challenges upfront could mean realising the value from your cloud investment sooner.

Here are some of the most common challenges:



KPMG Cloud Solutions and Services

We seek to deliver wide-ranging services across the entire cloud life-cycle from strategy and planning, to architecture and build, and through to running cloud-enabled applications for our clients.

Our service catalogue aligns solutions with client issues to drive business value, ensuring you and your customers are safe and preparing for the future.

		
<p>Driving value and business outcomes</p>	<p>Keeping your customers safe</p>	<p>Managing complexity</p>
<p>Cloud business case and strategy</p> <p>Cloud economics</p> <p>Cloud migration and application modernisation</p>	<p>Security and access</p> <p>Cloud risk management</p> <p>Cloud governance and continual compliance</p>	<p>Target business and technology blueprint</p> <p>Cloud transformation roadmap</p> <p>Legacy strategy</p> <p>Target Operating Model</p>

Technology Enablers

 <p>Target Architecture</p>	 <p>Landing Zone Optimisation</p>	 <p>DevOps / DevSecOps</p>	 <p>Multi-Cloud and Hybrid Management</p>	 <p>Quality Engineering</p>
--	--	---	--	--

We have a diverse and multi-disciplinary team

 <p>500+ UK Cloud team members</p>	 <p>125 Advisory consultants and architects</p>	 <p>200+ DevOps engineers</p>	 <p>200+ Nearshore and offshore architects and engineers</p>	 <p>150+ Quality engineers</p>
--	---	---	--	--

Our Accelerators

Our accelerators are a proven set of tools which help guide you delivering your cloud transformation programme.

We work with you to review and agree the suite of tooling that best suits your needs to achieve your goals. Find out more about some of the tools below:



Transformation Impact Modeler

The Transformation Impact Modeler uses a customisable survey to collect the organisation's application data in order to quantify potential for impact. It helps enterprises visualise the application portfolio, identify areas of opportunity and defines transformation road map 'next steps'.



KPMG Azure Engine

KPMG's Engine platform enables rapid automated deployment of Azure enterprise scale landing zones with common financial services controls and governance, compliance and regulatory needs.



Cloud Deployment Model

Our Deployment model is used to define the preferred deployment and migration options. This model includes the typical service characteristics (technical, architectural, operational, commercial) of each of the deployment options, as well as the types of workloads which can be hosted/supported by each.



Target Operating Model

Operating as a contemporary technology enabled company requires more than investing in new technologies: forward leaning digital leaders are revamping their organisations to exhibit eight key attributes.

These attributes collectively describe an organisation that confidently experiments, organically innovates, cultivates exceptional people, and delivers outstanding outcomes to their customers.



Cloud risk & controls framework

Industry-leading, Cloud Service Provider (CSP)-agnostic Cloud Control Framework

- Aligned with Regulatory expectations and industry good practice
- Contains scripts and guardrails to automate continuous controls compliance



Cloud cost management framework

The TCO (Total cost of operation) model depicts decomposed key cost components grouped by Allocated and Unallocated across the Cloud products/services.

This TCO view is used to support workload deployment decisions and influence business consumption behaviour. It can also help transition the future infrastructure costs from Capex to Opex

Our Success Stories

Financial Services



Hosting strategy & migration Us bank

Challenge: The bank needed to migrate its existing data centres while remediating aging technology issues.

It had strategic goals to embrace cloud-native modern technology in infrastructure, enabling the future state data and analytics.

KPMG successfully set up an application migration factory and developed the required architecture/migration patterns to ensure governed exit of legacy DCs. We deployed a migration testing framework to test the pre and post migration events. We also established a governance framework to ensure our client achieved the expected programme outcomes.



Cloud application discovery Global investment bank

Challenge: The client needed support to develop the strategy and execute Google cloud (GCP) migrations as an accelerated programme across multiple workloads and applications.

KPMG engaged with the client teams to develop a cloud migration strategy and operating model that included the close management of risks and controls. We designed a bespoke discovery process for the client with filtered levels of workload and application discovery, data analysis and remediation planning to ensure an informed cloud migration plan.



Cloud centre of excellence Global bank

Challenge: The bank required assistance to build a strong CoE capability to support its Enterprise Solutions team in accelerating secure migration to cloud.

KPMG DevOps team supported the client in providing an automated capacity for the production deployment. We provided oversight and control over security risks and ensured cloud risk assurance during the migration. We designed and executed the logging and monitoring strategy to reduce likelihood of security incidents.



Cloud business case Global insurance institution

Challenge: With over 70 data centre facilities, the client was experiencing challenges with legacy systems and costs. They wanted to define the IT Infrastructure Strategy and associated business case for 5+ years.

KPMG defined IT infrastructure transformation strategy and roadmap, supported by a high level business case. We ensured cost reductions of \$50m+ per annum by developing a service migration strategy which balanced asset re-use with strategic refresh, consolidation, virtualisation and cloud compute and storage services.

Our Success Stories

Private and public sector



Cloud strategy assessment Global retailer

Challenge: Our client had disparate cloud transition strategies across Public and Private clouds which created strong fault lines between different teams leading to huge duplication and manual overrides of tasks.

KPMG conducted a 6 week assessment to provide a strategic layout against business model and delivery vision. KPMG provided DevOps engineers around key skills like AWS, Azure, Terraform, CI/CD and security to overhaul the entire release and deployment pipeline.



Sustainable hybrid cloud UK healthcare services

Challenge: Our client is embarking on a 5 year sustainable cloud transformation programme and to support them on the journey, VMware shared a proposal to drive 40% of the migration to cloud. Client needed support to assess the proposal and validate benefits as the deal could create up to £1bn in savings while harnessing benefits of cloud.

KPMG conducted workload discovery and application analysis to assess the ability and pace at which the client can migrate to cloud. As the deal was crucial to facilitating migration across 450 organisations, we also developed a commercial and negotiation strategy to further strengthen the business case for cloud.



IAAS cloud strategy Government

Challenge: The client needed to urgently develop an IaaS cloud strategy and implementation plan to address immediate delivery issues and accelerate Hyperscale Cloud adoption across the whole organisation.

KPMG provided subject matter expertise across multiple pillars of the cloud programme and built an agile plan to accelerate delivery of the strategy. We conducted a series of workshops and developed an implementation plan to accelerate hyperscale cloud adoption while ensuring it met the data requirements.



Cloud hosted learning platform UK government

Challenge: Our client delivers learning to 362 public bodies and 400k+ civil servants. Our client wanted to build a cloud hosted learning platform to provide digital learning services to its varied departments.

KPMG leveraged Agile methodology and built an Azure based digital learning platform within 11 months. We designed a new curriculum by analysing 3k+ topics and filtering them based on relevance and needs of the diverse departments. The platform delivers 2.8+ million hours of learning across 200 departments in 450 locations.



Contact us



Adrian Bradley

Partner, Cloud Transformation,
KPMG in the UK

+44 (0) 7880 457 783

adrian.bradley@kpmg.co.uk

Some or all of the services described herein may not be permissible for KPMG audited entities and their affiliates or related entities.

kpmg.com/uk



The information contained herein is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavour to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

© 2022 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.

The KPMG name and logo are trademarks used under license by the independent member firms of the KPMG global organisation.

CREATE | CRT140740A | March 2022