

Evidence-backed Azure Virtual Desktop– Cloud VDI Design and Deployment

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 • Cloud Value Management • FinOps • Sustainable Technology	• 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.



Azure Virtual Desktop – Cloud VDI Design and Deployment



Service Description:

Evidence-backed Azure Virtual Desktop accelerated design and deployment service facilitates the setup of a flexible, secure virtual desktop environment within Azure. This service streamlines the creation of scalable, remote work solutions, optimising for performance and cost, while ensuring compliance and security across an organisation's virtual desktop infrastructure.



Service Categories

- Virtual Desktop Infrastructure Design
- Azure Cloud-Based Remote Work Solution
- Azure Deployment and Configuration
- Security and Compliance Management
- Performance Optimisation and Cost Management
- Application Virtualisation and Management
- Desktop as a Service (DaaS) Implementation
- User Experience and Accessibility Enhancement
- Scalability and Resource Management
- Continuous Monitoring and Support



Service Benefits

- Reduces deployment times with streamlined Azure integration and automation.
- Enhances security, significantly minimising business risk and data breaches.
- Lowers operational costs through efficient resource utilisation and optimisation.
- Improves remote work capabilities, ensuring productivity from any location.
- Increases system reliability and uptime, maximising business continuity.
- Facilitates seamless application access, enhancing user productivity and satisfaction.
- Offers scalable solutions, easily adapting to changing business needs.
- Enhances compliance with industry standards, reducing regulatory concerns.



Our Service Features

- Customised AVD system design for optimal performance and user experience.
- General security setup, including data protection and compliance adherence.
- Cost analysis and optimisation overview.
- Application virtualisation
- Azure native monitoring tools for performance and health checks.
- Scalability and planning for future growth.

Our Approach

KPMG's accelerator driven approach to Azure Virtual Desktop (AVD) design and deployment helps your organization adopt AVD at pace whilst ensuring the environment remains secure, scalable and good practice aligned.



Requirements

Designing and deploying Azure Virtual Desktop requires an in-depth understanding of the organisation's specific virtual desktop needs, including user roles, security requirements, and application compatibility. It's essential to tailor the virtual desktop environment to support seamless remote access, maintain high security standards, and ensure operational continuity across distributed teams.



Activities

Environment Setup & Config

- Plan and deploy a scalable Azure Virtual Desktop infrastructure.
- Configure virtual machines and session hosts according to user needs.
- Establish management practices for maintaining virtual desktop health.

Security & Compliance Config

- Implement strong authentication and access control measures.
- Ensure compliance with data protection regulations specific to industry.
- Set up encryption and threat protection mechanisms..

Networking & Connectivity

- Design network architecture to support efficient and secure connectivity.
- Implement Azure's networking solutions such as ExpressRoute for enhanced stability.
- Optimise bandwidth and latency to ensure a high-quality user experience.

User Experience & Management

- Customise user profiles and desktop experiences to meet business requirements.
- Integrate enterprise applications and data storage solutions.
- Provide training and support to end-users for smooth onboarding.



Outcomes

The deployment of Azure Virtual Desktop results in a robust, secure, and scalable cloud-based virtual desktop infrastructure that enhances remote work capabilities. This solution provides users with a high-performance desktop experience, aligned with organizational security standards and operational needs, thereby improving overall productivity and flexibility.



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: 4

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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CREATE. | CRT164925A January 2026