

UKCloud.

The multi-cloud experts.



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UKCloud is dedicated to helping the UK Public Sector, delivering more choice and flexibility through safe and trusted cloud technology.

Since our inception, we have disrupted the market by producing innovative cloud solutions to meet the ever-evolving needs of the UK Public Sector. We're proud to have helped the sector save millions of pounds, delivering improved citizen services whilst supporting the growth of the UK digital economy.

We own and operate UK sovereign, industry leading multi-cloud platforms – offering security and assurance whilst being located within a Government-grade campus. Our platforms are open, making them easy to adopt, easy to use and easy to leave. They are underpinned by key technology platforms including VMware, Microsoft Azure, OpenStack, and Oracle.

"Cloud has played an important role in helping us to modernise our infrastructure, implement new clinical technology and enhance our overall flexibility and productivity. And this collaboration between Microsoft and UKCloud is a significant one, with the enhanced assurance, UK data sovereignty and direct connection to government networks, like N3 and HSCN, that it offers."

Joanna Smith, CIO, Royal Brompton and Harefield NHS Foundation Trust, a customer of both Microsoft and UKCloud

Making transformation happen.

Exclusively focused on the UK Public Sector, our mission is to deliver better outcomes for UK taxpayers, by transforming the way IT is delivered, using secure multi-cloud platforms.

What's more, our dedicated team of experts are passionate about the quality of service they deliver to our customers and colleagues. Highly specialised, our teams boast hundreds of years of experience in building and operating cloud platforms, and are committed to delivering positive outcomes for our customers and partners to drive true digital transformation.

Security and assurance are in our DNA. We've achieved Pan Government Accreditation for all of our G-Cloud services, confirming our suitability for supporting OFFICIAL and OFFICIAL SENSITIVE data. The achievement of such accreditations requires demonstration of a robust risk management system, to meet the stringent requirements of both CESG and industry best practice standards.

Our services are assessed against recognised international standards ISO9001, ISO20000, ISO27001 and ISO27018, and are subject to regular audits, assessments and inspections by certification bodies, regulators and accreditors.

Multi-cloud – powering digital transformation

Multi-cloud is where a variety of cloud environments powered by different underlying technologies are made available on the same platform from the same service provider, enabling communication between the environments.

No one size fits all. Multi-cloud gives you the choice and flexibility of benefitting from the diversity of public and community clouds running alongside your private cloud and non-cloud environments. This differs from a hybrid-cloud which only connects your private cloud to a public cloud.

Our multi-cloud platform supports workloads from the main technology vendors, which makes us the obvious choice when choosing a cloud provider that can support a diverse range of workloads. This gives you confidence that your workloads are running on the right platform, thus minimising the risk of vendor lock-in without sacrificing on elasticity, performance, and price.

We place the right workload, on the right cloud, in the right place.

We firmly believe we can make transformation happen. With unrivalled capabilities, our multi-cloud platform enables public sector organisations to benefit from the agility and cost savings of a sovereign, assured cloud platform.

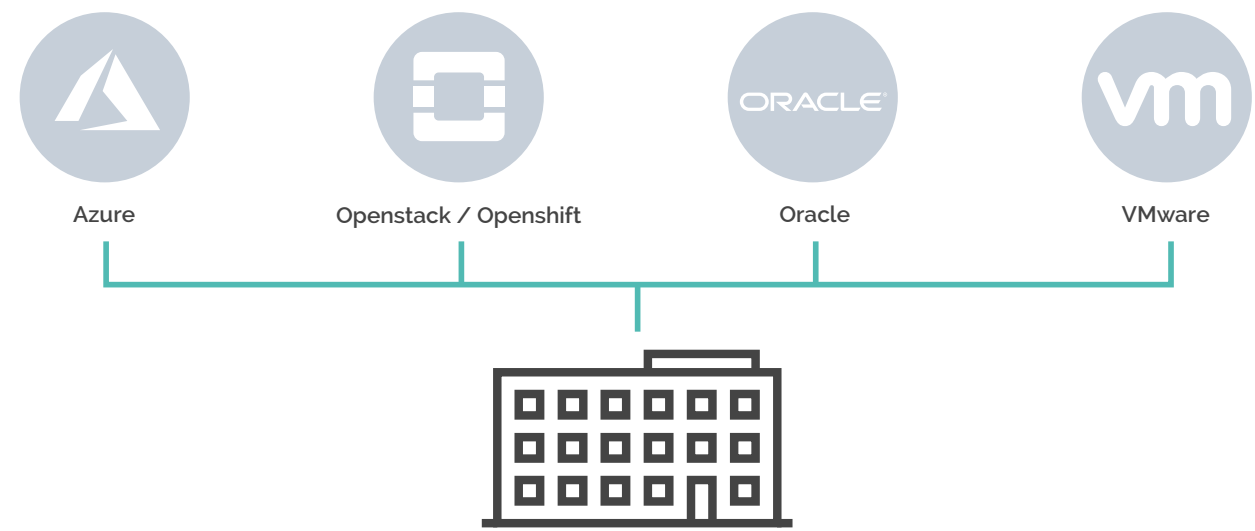
"Constant investment in leading technology and great talent allows us to continuously innovate and deliver the functionality the UK Public Sector requires."

Simon Hansford, CEO UKCloud

UKCloud. The multi-cloud experts.

Multi-Cloud

You rely on **multiple cloud platforms** – such as Azure, OpenStack, Oracle and VMware – for multiple applications. You may also rely on homegrown clouds, telecom clouds and other third-party clouds.



Hybrid Cloud

You connect **multiple deployment platforms** – such as public cloud, private cloud, dedicated servers and on premise servers from the Crown Hosting data centres – within a single application.



“We were looking for excellent performance and great support. UKCloud delivers on both fronts.”

Edward Bellamy, Product Director at Egton

Why multi-cloud?



No one cloud fits all

Our multi-cloud platform offers choice and flexibility; we place the right workload, on the right cloud, in the right place. We do not lock you in to a single proprietary technology stack. We ensure that each solution runs on the platform most suited to delivering the best value and experience, and to meet the complex needs of the UK Public Sector.



Built for the UK

We are home grown, home-owned and dedicated to serving the UK Public Sector. Our cloud platforms are all situated within the secure Government-grade Crown Hosting environment for non-cloud and multi-cloud services, all based in the UK – we call this Crown Campus.



Making transformation happen

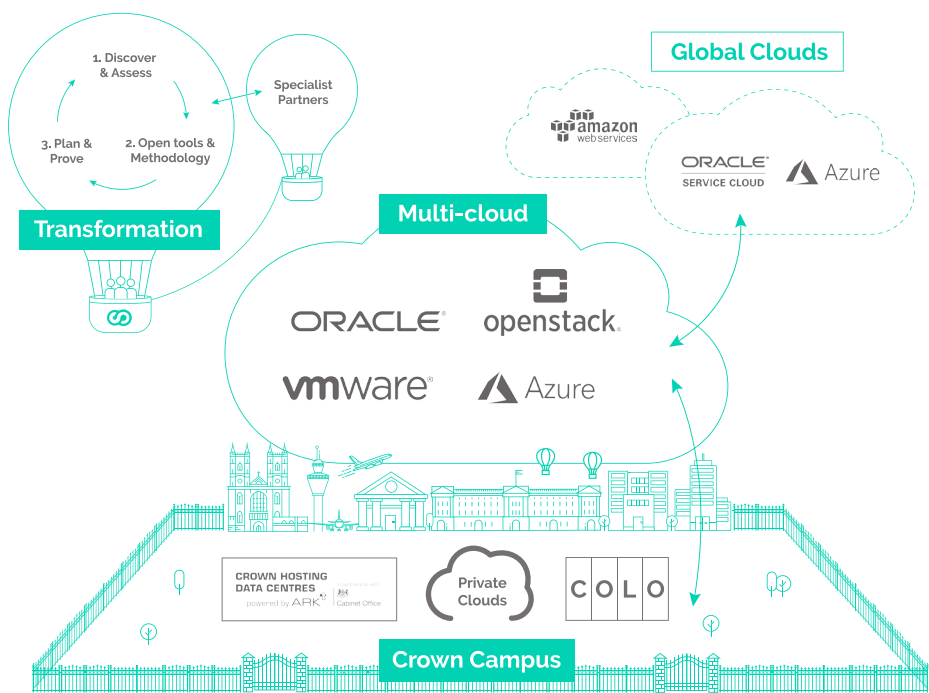
Using our expertise of having delivered more than 200 public sector digital transformation projects, our expert and trusted transition team helps customers understand the challenges they face and how they can navigate around them on the journey to the cloud and beyond.

Safe in our hands

Our platforms are implemented across two UK government-grade sites, providing further resilience via multiple regions, through trusted and flexible Assured OFFICIAL and non-internet connected Elevated OFFICIAL domains. Our cross-domain functionality regulates access between the Assured and Elevated security domains so you can create compelling citizen-facing services, whilst ensuring sensitive data remains safe. Choose from a wide array of connectivity options such as DDoS-protected internet, PSN Assured, PSN Protected, Janet, N3/HSCN, RLI and HybridConnect.

All our platforms and functions can be managed via an ever-evolving portal with a comprehensive API, and our free-of-charge cloud experts are able to help architect and support workloads on this platform.

This choice enables the UK Public Sector to harness the best technology stack for each requirement without compromising on sovereignty, connectivity, lock-in or support.



Microsoft Azure – the next wave of innovation from UKCloud

UKCloud Azure is our implementation of Microsoft's innovative Azure Public Cloud delivered from our unique UK sovereign data centres. Our multi-cloud capability enables you to natively interoperate with other cloud platforms including Oracle, OpenStack and VMware. This gives you the flexibility to transform at your own pace by accommodating diverse workloads within a low-latency, accredited platform with native connectivity to non-cloud workloads in Crown Hosting, and government community networks.



Why UKCloud Azure?

Our collaboration with Microsoft centres around three core capabilities: assurance and connectivity, multi-cloud diversity and public sector specialism and expertise.



In this instance, the UKCloud provision of Azure is the ideal choice for the following reasons:

- **Sovereignty and Connectivity.** We're wholly UK-owned and operated by security-cleared UK experts. We offer native connectivity to all UK public sector community networks, delivered across multiple UK regions geographically located on the same campus as Crown Hosting – the government's own data centres.
- **Multi-cloud experts.** We provide choice and diversity of cloud technologies within a safe, flexible and connected platform. Our adjacency to Crown Hosting enables high performance interoperability between non-cloud, private and public cloud platforms. We place the right workload, on the right cloud, in the right place.
- **Local specialism.** We are solely focused on the UK Public Sector and are passionate about making a difference for the UK citizen. We offer award-winning customer service and support with Technical Account Managers, a 24/7 UK telephone service desk and a Network Operations Centre.
- **Choice and Innovation.** Being a multi-cloud provider, we offer flexibility and choice of services to suit a variety of workloads by supporting several technology stacks. We are proud that our commitment to innovate has been recognised in the industry, as we were awarded the prestigious Queen's Award for Enterprise in the innovation category in 2017 – the highest accolade for outstanding achievement in innovation.

OpenStack – truly open source

Designed to address the specific needs of DevOps and WebOps communities, you can utilise OpenStack to provide a full solution stack from IaaS through to PaaS. Accelerate the development of Digital-by-Default services and solutions from our assured multi-cloud platform to test, develop, and deploy your digital, cloud native applications. Benefit from additional functionality with our OpenShift offering, built on OpenStack, which enables organisations to develop, deploy, and manage digital and container-based applications across on-premises or virtual environments. The true open source nature of OpenStack grants exposure to a global community of support and extensible solutions, all whilst reducing the risk of vendor lock-in without sacrificing elasticity, performance, and price.



Why OpenStack?

OpenStack is fast becoming one of the most widely adopted technologies with customers realising the need for a multi-cloud strategy, to alleviate the risk of lock-in to proprietary cloud platforms. This enables you to test and develop solutions for the cloud, whilst having access to an ever-growing and improving ecosystem of tools, code and support with a community of nearly 20,000 individuals, to accelerate your transition to the cloud. Customers can also benefit from the familiarity of Kubernetes – one of the most popular container orchestration tools, and Docker, which ensures consistency across multiple development and release cycles, thus standardising your environment.

“Our online marketplace, hosted on UKCloud's assured, resilient UK-based cloud platform, is delivering the efficiency benefits we'd hoped for.”

Dr Higson, DSTL

The OpenStack platform is ideally suited to the:

- **Implementation of hybrid-cloud strategies.** OpenStack can be utilised in support of a hybrid-cloud strategy as it can be implemented across a variety of deployment models including on premises, public and private cloud environments. This reduces the risk associated with using a single provider or environment and gives you a high level of flexibility.
- **Recycling your investment with Amazon Web Services.** Using OpenStack's API provides EC2-compatibility giving you control of both environments via a single API. This is enhanced further by cross compatibility between OpenStack HEAT and AWS Cloud Formation templates. This cross-compatibility ensures you can benefit from the industry standard open-source technology that is OpenStack, and salvage your investment with AWS without being locked-in.
- **Testing and deploying emerging technologies.** The OpenStack environment harnesses the ability for developers to rapidly create and deploy environments for testing. These can be scaled as required, disposed of, or converted to production services in line with the Twelve-Factor Application principles on a purpose-built cloud platform.
- **Increasing business agility and innovation.** The fully self-service capabilities of our OpenStack platform provide a programmatic mechanism directly to developers. This allows your developers to focus on developing high-quality code, rather than being distracted by managing virtual infrastructure
- **Self-service automation.** This allows application development teams to provision, build and deploy applications quickly. The built-in automation workflows allow you to convert source code into ready-to-run Docker formatted container images. We offer the ability to integrate developer tools such as continuous integration (CI) and continuous development (CD), enabling organisations to be more agile and streamline the go-to-market process.

Oracle – transition without licensing lock in

Oracle cloud finally makes it viable to migrate inefficient Oracle environments to cost-effective and flexible cloud platforms. This provides you with the flexibility to scale your resource usage as your needs evolve, eliminating any ongoing hardware investment, unnecessary licensing costs or contractual commitments historically associated with Oracle.

Why Oracle?

Oracle is one the most widely used technologies within UK government for supporting mission critical workloads harbouring sensitive data. These workloads are often too large and complex to run on global public cloud platforms due to the prohibitive licensing practices employed by Oracle. We provide an Infrastructure as a Service (IaaS) platform powered by Oracle Virtual Machine (OVM) technology, which fully complies with the compatibility and licensing requirements of Oracle based enterprise applications. This means that you can move your Oracle estate to an OPEX model, only paying for what you use alongside workloads on our other technology platforms.

ORACLE®

Our Oracle platform is designed to support:

- **Oracle licencing requirements.** You can migrate to a cloud platform designed specifically for Oracle, whilst adhering to Oracle licensing requirements.
- **Elimination of expensive hardware.** Move away from expensive hardware and support contracts, whilst maintaining applications and citizen facing services without the need to re-architect solutions.
- **Migration of Oracle Solutions.** Existing customers can migrate Oracle solutions to the same infrastructure, therefore improving management efficiency, lowering CAPEX and reducing network latency to other workloads by utilising our multi-cloud platform.
- **Testing and developing solutions.** Use the Oracle platform to test and develop new workloads without committing to expensive hardware and contracts.



VMware – the established trusted platform

Our well-established and developed VMware-based cloud platform is the ideal target for delivering your traditional applications in the cloud. VMware is the de facto standard virtualisation platform for on-premise solutions, and this familiarity will ensure that you are able to harness your existing skills and tools as you migrate to the cloud. We recognise the risk of not having the time and cost to implement a secure cloud solution, and not having the necessary tools to engineer the platform which can be complicated, expensive and time-consuming.

vmware®

Why VMware?

The VMware platform enables you to transition new and traditional workloads to the cloud as efficiently as possible, whilst offering vast levels of configurability to meet evolving needs. We provide you with a trusted, connected and flexible platform to deliver your critical enterprise applications in the cloud.



Our VMware platform is ideally suited to:

- **Delivering critical enterprise applications in the cloud.** Migrate or create new mission-critical applications and citizen-facing services and accomplish the organisational goals at the core of your strategy, whilst eliminating the risk to your operations.
- **Transitioning legacy services.** Transition into a public cloud environment whilst avoiding extensive change by taking advantage of in-built platform resilience.
- **Eradicating tight coupling.** Eliminate the issue of ageing hardware by transitioning to this platform thereby prolonging the life of existing applications without increasing hardware costs.
- **Enhancing the ability to manage mounting workloads.** Manage new, growing or development workloads with the elasticity and flexibility of the UKCloud platform compared to traditional on premise solutions.
- **Eliminating CAPEX** By transitioning your on premise workloads to an OPEX model, thereby improving organisational productivity, whilst only paying for what you use.

Our award-winning expertise



UKCloud winner of 2017 UK Customer Experience Awards

The UK Customer Experience Awards is the biggest and most compelling CX event in the world. UKCloud are proud to have won this award for putting customers at the heart of everything, through our use of technology.



UK Cloud Award – Best Cloud Services Provider

UKCloud was named overall Best Cloud Services Provider in the 2017 UK Cloud Awards.



UKCloud features on the 17th annual Sunday Times Hiscox Tech Track 100

For the 2nd year, UKCloud has featured in the Sunday Times Hiscox Tech Track 100. The list ranks the fastest growing private technology companies based on sales over the past three years, across Britain.



OpenStack Superuser Award 2017

UKCloud was named winner of the OpenStack Superuser Award at the OpenStack Summit in Boston.



Queen's Award for Enterprise for Innovation

UKCloud won the 2017 Queen's Award for Enterprise for Innovation. The Queens Award for Enterprise scheme is highly competitive, rewarding businesses for outstanding achievements in International Trade.



UKCloud wins Digital SME of the year

UKCloud was named Digital SME of the year at the Digital Leaders 100 annual awards.



Winner of '2017 Best Newcomer' in NVIDIA partner awards

UKCloud received a top accolade from NVIDIA, that of '2017 Best Newcomer' in the partner awards, and was commended for making GPU technology more accessible for the UK Public Sector.



UKCloud in the FT 1000

UKCloud appeared 18th in the 2017 FT 1000, the complete list of Europe's thousand fastest-growing companies.



UK Cloud Award – Best G-Cloud Provider

UKCloud was named Best G-Cloud Provider in the 2017 UK Cloud Awards.



UKCloud in the 2017 Philanthropic 30

UKCloud appeared in the 2017 Philanthropic 30 – a list of the most caring companies in Britain that have an ambition to give back.

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We help the UK Public Sector to make transformation happen through:

- Our belief in multi-cloud
- Focusing on the UK public sector
- Being open. You are never locked in
- Enabling collaboration within communities
- Accelerating your safe journey to the cloud



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