UKCloudX is the sovereign secure cloud our national security depends on. It underpins operational capability across Defence, Intelligence, Law Enforcement, Critical National Infrastructure where protection of national security data is paramount.

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WHO ARE WE?

UKCloudX is devoted to keeping our nation safe by providing a sovereign platform which enables our customers to adopt new digital technologies, in a safe and secure way, whilst driving down their costs and accelerating their transformation programmes.

UKCloudX uniquely provides uncompromising security and integrity for the UK's mission critical and sensitive systems. Our products and services have been developed and honed over 10 years of working at the heart of public sector transformation, and in particular, within the more demanding Defence & National Security arena. It provides a one-stop-shop catalogue of sovereign cloud services which are then tailored and integrated to deliver end-to-end solutions. UKCloudX's security cleared workforce and specialist partners combine domain and digital expertise to power secure collaboration, analytic capabilities, elastic cloud computing, and continuous innovation to develop and sustain the UK's information superiority over our adversaries, whether they be state actors, proxies, serious and organised criminals, or hackers.

UKCloudX was established with a vision to advance the digital capabilities of the UK National Security Community, by becoming the 'secure and resilient infrastructure on which data relies' (**National Data Strategy**). We serve this community of Defence, Intelligence, Aerospace, Law Enforcement, Criminal Justice and Critical National Infrastructure with a collective mission to keep the nation safe. Threats and adversaries to our nation are always evolving and so our national security is dependent on our ability to constantly evolve the protection of our most sensitive data assets at the same rate. That's what drives us.

Tier 2 platform

Our Tier 2 platform is a series of cloud technologies, with a variety of deployment models, delivered from List X data centres and supported, managed and maintained by UK staff, that can be connected to secure connectivity like SLI and ROSA. Customers can deploy workloads to suit their resilience requirements.

WHO WE WORK WITH

Our Customers

Royal Air Force · Army Be The Best · Royal Navy · Ministry of Defence

Strategic Command Defence Digital · Ministry of Justice · Disclosure & Barring Service · Home Office

Magnox · SSCL · Sellafield Ltd · dstl The Science Inside

NCA National Crime Agency · Metropolitan Police · NPCC National Police Chiefs' Council · Police Service

Royal Marines · AWE · de&s · Defence Infrastructure Organisation

Our Partners

ARK Data Centres · BAE Systems · CACI · Capgemini

Capita · Cisco · Civica · e2e assure

IBM · intel · KBR · Microsoft

nine23 · Red Hat · Roc · SiXworks Secure by Design

sopra steria · Sundown Solutions | Consulting | Services · Thales · vmware

TRANSFORMING THE MISSION FOR THE INFORMATION AGE

There are three ways in which UKCloudX helps you transform:

1 Uncompromising security and integrity

UKCloudX delivers uncompromising security and integrity. As the only UK sovereign Strategic Cloud Provider with government-approved secure facilities and security cleared staff, UKCloudX brings the power of cloud services into the most secure and sensitive environments — and makes it easy to connect and share information between security domains. Your critical capabilities require the highest levels of integrity and availability — and the UKCloudX platform is operationally ready and engineered to deliver superior levels of robustness and resilience.

2 Tailored sovereign cloud solutions

UKCloudX provides a catalogue of tried and trusted sovereign cloud services which can be tailored into end-to-end solutions which drive holistic customer outcomes, now and in the future. Working with its community of specialist providers, UKCloudX delivers unprecedented secure access to data, systems interoperability and operational agility to accelerate transformation programmes, while driving down cost.
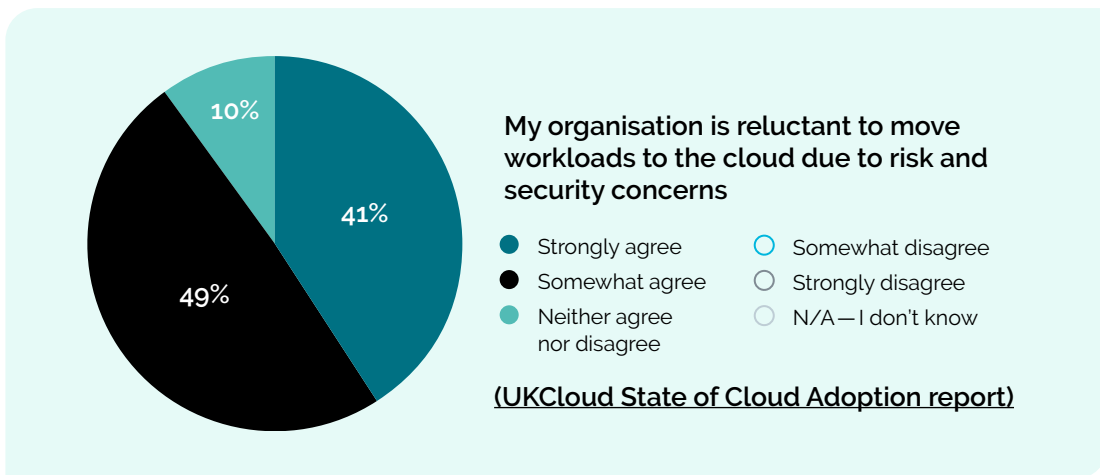
3 Domain and digital expertise

UKCloudX's security cleared specialists bring together domain knowledge, customer insights and digital expertise to support every stage of your programme; from ideation to operations. UKCloudX will help you re-imagine solutions which are affordable and actionable, whilst complying with the rules and regulations that govern your organisation. UKCloudX has the people, partners and platforms to transform the mission from the industrial age to the information age.

OUR MISSION

We deliver UK owned-and-operated multi-cloud services, hosted on a platform built and ready for projects with high assurance requirements.

It is no wonder that **90% of Defence & National Security organisations are cautious to move workloads to the cloud** (UKCloud State of Cloud Adoption report), in an industry where data privacy is more than a legal complication, but a matter of life and death. Despite cloud's intangible nature, **94% of businesses (private included) say they saw an improvement in security after implementing cloud solutions** (slideshare). UKCloudX goes one step further, instilling 'confidence in the security and resilience of the UK's infrastructure' (**National Data Strategy**) by allowing your organisation to choose the level of security you need for your cloud migration.

My organisation is reluctant to move workloads to the cloud due to risk and security concerns

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree
- N/A—I don't know

(UKCloud State of Cloud Adoption report)

A 'lift-and-shift' doesn't have to be daunting, especially when your cloud provider delivers the choice, assurance and flexibility your organisation requires, and a multi-cloud platform which can support your legacy applications will enable you to keep your familiar applications.

On-premises is no longer the only option for you, our cloud platform delivers security classification up to IL5 (Tier 2). The old digital solution is dead — no more high maintenance costs, no more conundrums of how to access data when you move or concerns about data security, and no more reliance on outdated legacy hardware. UKCloudX has the solution for Defence & National Security customers that supports your vision of an agile and dynamic digital strategy.

94%
of businesses (private included) say they saw an improvement in security after implementing cloud solutions

(**UKCloud State of Cloud Adoption report**)

HOW?

Ample choice:

Multi-cloud does what it says on the tin. Split your digital transformation across multiple clouds; avoid getting tied down to single providers and harness the potential of a breadth of platforms and applications at your fingertips. We provide direct access to a range of clouds on our platform, from Azure to VMware, and can provide connections to countless others if you require them.

Critical assurance:

UKCloudX offers a sovereign cloud platform with assurance levels to meet your organisation's requirements. Any security classification requirement from IL1 (Assured) through to IL5 (Tier 2) is supported in our highly secure, individually isolated, multi-tenant, single tenant, or hybrid cloud environments.

Unparalleled flexibility:

'There is more flexibility available in the cloud' (**Cloud Guide**) than in legacy estates, and our solution puts you in control. To be truly agile, you need on-demand scalability and expert support at a moment's notice; our staff work tirelessly to deliver what you need. You can choose from our pre-built architecture solutions or you can speak to our cloud architects to create the solution that is right for your workloads.

Our cloud also offers you the ability to access the data you need, anywhere, anytime, securely.

ENABLING A DIGITAL BACKBONE

With the focus of UKCloudX on the digital needs of the most sensitive Government customers our goal is to support their technology, data and security demands through our highly skilled and experienced people. We remain flexible to support the evolving processes and standards that enable the exploitation of a Digital Backbone at Governmental and Departmental level.

Security

As an early adopter of the UK Government's Cloud Security Principles our platforms are designed with security built in. We provide our customers with the initial and continued support to ensure they achieve and maintain accreditation to consume our cloud services securely. Our work with NCSC to support the evolution of cloud security principles ensures we are at the forefront of key thinking within this important Government agency. And our wider independent accreditation includes all appropriate ISO standards for IT and cloud services.

People

The UKCloudX team of cloud experts are there to support our customers in their journey in the adoption of cloud services. We know this journey can be daunting, especially for Defence and National Security customers, which is why our team take the time to understand the business need up front but also to ensure customers are fully onboarded and supported throughout their time as a UKCloudX customer. We also understand the unique challenges these customers face from an operational standpoint as many of the wider team have direct operational experience within the Defence and National Security sector.

Data

UKCloudX recognises the importance of data as a national and strategic asset. Our UK only data centres are core to protecting this data. But we know data exploitation in a secure environment is critical to the success of our Defence and National Security customers. Through our broad ecosystem of ISVs we enable the exploitation of data to deliver operational effect. And with the growth in demand for Machine Learning and Artificial Intelligence capabilities, we continue to partner and support ISVs as they develop and deploy these technologies across a common set of customers.

Technology

Since the inception of the Government's Cloud First policy, UKCloud, and subsequently UKCloudX, has continued to evergreen its technology estate across multiple cloud platforms to support the increasing scale of datasets needing to be managed and exploited by our Defence and National Security customers. By delivering the technology foundations for our customers we have enabled them to embrace and exploit the cloud in ways that would be deemed cost prohibitive in traditional procurement models. And we continue to evolve our cloud delivery options as we roadmap our future in line with the technological evolution that will support our customers data-centric operations of tomorrow.

HOW CAN YOU TRANSFORM WITH UKCLOUDX'S MULTI-CLOUD SOLUTION?

UKCloudX's approach to multi-cloud mitigates single vendor lock-in, a concern held **by 80% of public sector organisations** (UKCloud State of Cloud Adoption report), enabling you to use a variety of standardised technology stacks in a coherent and integrated fashion, which permits migration between stacks in the future. This removes the headache of finding multiple secure, trustworthy service providers, enabling you to push forward with your visionary and comprehensive digital strategy. Our multi-cloud solution enables you to mitigate any over reliance on one sole partner/technology, **a fear of 74% of public sector organisations** (UKCloud State of Cloud Adoption report), by supporting you, giving you control, and providing choice. There is an inherent complexity with traditional multi-cloud, which utilises multiple service providers, and so even entertaining a vision of an inexpensive, easy, flexible – whilst highly secure – digital transformation can be a challenge.

UKCloudX understand that the Tier 2 platform cannot operate in isolation and in many cases organisations will want to create a hybrid solution utilising our assured and elevated platforms. In order to provide this hybrid solution whilst maintaining operational security, UKCloudX offer additional services such as our cross-domain security zone and secure remote access which restricts access to secure data and workloads whilst providing a solution which can offer access to different personas with a variety of access levels. In addition to this, other aspects such as cryptos, key-management and secure connectivity are all considered in the design and implementation of the platform and can be customised based on your requirements.

Operationally diverse organisations need a variety of cloud options. UKCloudX's multi-cloud solution optimises your cloud investment to best suit your organisation's operational requirements.

> Manage your digital transformation in one place with a fair cost model, synergising the ideal cloud technologies with your respective workloads.
> **That is UKCloudX. That is the power of multi-cloud.**

MULTI-CLOUD

Our multi-cloud helps to mitigate many of the inhibitors of cloud adoption and can ultimately transform your operational capabilities:

Provides freedom — Utilise the breadth of standardised technology clouds to optimise your workloads; do more, cheaper, easier, all in one place. Our synthesis of 'lift and shift' and cloud native technology solutions puts you in the driving seat of your digital vision.
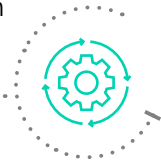
Is budget friendly — For Police and Justice, there is a 97% consensus that cost and affordability impede their cloud adoption. However multi-cloud is not just more affordable than legacy IT, it allows you to spread your cost and spend less time and money managing your own datacentres or cloud solution. Our multi-cloud has a flexible cost model with scalability and no hidden or unexpected charges, a foil of legacy estates.

Helps you rest easy — The UKCloudX sovereign multi-cloud platform is designed to span multiple classification levels to suit your organisation's security requirements. Regardless of your security requirements for any of your workloads, our security cleared staff and made-for-measure cloud can handle what you need.
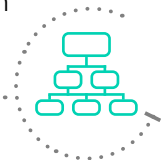
WHAT DOES THAT MEAN FOR YOU?

Do more with less — Free from keeping the lights on, harness the power of cloud wherever you need to be, at any time. Dream big and go further.

Always protected — Your data never leaves the UK, can be classified up to IL5 (Tier 2), and is stored in highly secure, isolated multi-tenant, single-tenant, or hybrid cloud environments. Your data is in safe hands.

Dictate your journey's end — Finally utilise the operational enhancements of cloud which UKCloudX can bring to your organisation. Simply move legacy workloads to the cloud to save the time and money you spend keeping the lights on, or strive to harness the potential of modular, more reliable, and impactful cloud native applications. Your digital transformation's destination is up to you.

UKCloudX is devoted to keeping our nation safe by enabling new insights through the adoption of digital technologies. UKCloudX provides uncompromising security and integrity for the UK's mission critical and sensitive systems. It provides a catalogue of sovereign cloud services which are tailored to deliver end-to-end solutions and drive mission outcomes. UKCloudX's security cleared people and specialist partners provide the combined domain and digital expertise that powers secure collaboration and innovation to sustain the UK's information superiority over our adversaries.

ukcloud**X**

ARMED FORCES COVENANT
EMPLOYER RECOGNITION SCHEME
SILVER AWARD

THE QUEEN'S AWARDS FOR ENTERPRISE: 2017