Organisations are increasingly under pressure to pursue the benefits of digital transformation. But with security coming under ever-increasing levels of scrutiny, digital adoption can pose substantial threats.

Cloud-based approach drives digital transformation
A cloud-based approach is the natural starting point that will enable digital transformation. But highly stringent security demands are stalling many organisation’s digital aspirations. So, today’s challenge is no longer whether to adopt a cloud-based approach, but rather how cloud can accelerate digital innovation in a secure environment.

It is no longer enough to provide customers with a public cloud service or a private cloud service that interoperates with their legacy systems. The technology landscape moves fast, and customers want and expect that service from that technology today, with the ability to adopt something completely different tomorrow.

Public and private cloud at higher security classifications
As more and more technology products and services are becoming cloud capable, organisations are striving to adapt their security and privacy policies to be compatible with the cloud. Combined with organisations demanding more flexible, easy-to-consume technologies means that cloud is becoming the default for infrastructure services.

To satisfy this expectation, Fujitsu has developed Fujitsu Secure Cloud: Portfolio, a comprehensive portfolio of multi-cloud services and solutions, giving the customer the ability to flex and adapt to the changing capabilities of different cloud environments and the changing security landscape for adoption.

Our ‘right cloud for the right workload’ approach means customers get the innovation, speed and agility of hyper-scale clouds, whilst blending with private cloud and existing platforms for enhanced performance, security and regulatory compliance.
The way data is managed has changed

When the major hyperscalers - like Azure and AWS - came to market more than a decade ago, it seemed inconceivable that government data could be stored in a public cloud. But over time, as both our understanding and management of risk in public clouds combined with the availability of much-improved security capability has made many things much more achievable. As a result, the public cloud has adapted, and continues to evolve, to become more sensitive to data security changing the way that data has to be managed.

By understanding the nature of the data being hosted and applying appropriate controls both in data handling and in supplementary security measures, Fujitsu provides customers with the capability to host most OFFICIAL and some OFFICIAL-SENSITIVE data in public cloud services. Customers are also able to host in their own environment using existing infrastructure, if desired.

Bringing over 50 years’ experience of providing secure solutions to organisations, including MOD, using our business, technical and security expertise Fujitsu can work with you to understand the nature of your business needs and security obligations. With this trend towards hosting more sensitive data in the public cloud we believe it will be possible to host SECRET workloads in the future but not all of the security approaches and controls currently exist to achieve that. ABOVE SECRET systems will be hosted on increasingly modern private cloud services.

Right cloud for the right workload

Fujitsu provides expertise in aligning the right cloud service to your business needs at higher security classifications, resulting in a tailored solution specific to your requirements. We do this using the following three-step approach:

1. Assess your challenges together, in the context of your strategy, aspirations and digital maturity and explore multi-cloud solutions to achieve your goals.

2. Transform your infrastructure, applications, and services through our collective business and technology expertise, utilising our six modules of transformation.

3. Optimise your multi-cloud environment and services continuously through close collaboration with you and our network of long-standing partners.
Co-creating your multi-cloud with you and our partners

Through our long-standing global relationships with industry-leading technology partners, Fujitsu has developed a portfolio of services to provide our customers with a personalised, flexible multi-cloud solutions covering all security classifications. Our multi-cloud portfolio includes:

- **Fujitsu Secure Cloud: VMware** – on premises VMware cloud services using Software Defined Data Centre solutions as well as VMware Cloud on AWS, Azure and Oracle public clouds
- **Fujitsu Secure Cloud: AWS** – public cloud services including the on premises services of Outposts and the Snow family of products
- **Fujitsu Secure Cloud: Azure** – public cloud services complemented by Fujitsu PRIMEFLEX Azure Stack HCI, Azure Stack Edge and Azure Stack Hub which is also operational in disconnected configuration
- **Fujitsu Secure Cloud: Oracle** – second generation Oracle Cloud Infrastructure (OCI) with its autonomous services, the on premises Cloud@Customer service as well as the new Oracle dual region UK Government Cloud.

With our expertise, combined with partnerships with all major cloud vendors Fujitsu provides our customers with the right cloud service to meet their needs both now and in the future, we provide a full spectrum of supporting services (consultancy, development, migration, transformation, integration, service management & security services) tailored to meet our customers ever changing business requirements. Make Fujitsu Secure Cloud: Portfolio your cloud of choice for IaaS, Containers, PaaS and SaaS capabilities.
Proven security and information assurance

Our ability to deliver this approach at heightened security levels is well proven. The Fujitsu Secure Cloud: Portfolio provides public, private and community cloud solutions that can run IaaS and PaaS that comply with or exceed relevant Government Security Classifications.

The Fujitsu Secure Cloud: Portfolio builds on Fujitsu’s extensive experience of delivering highly secure solutions for numerous Government services that operate at SECRET or ABOVE SECRET classifications. In the UK, Fujitsu is certified for Cyber Essentials Plus and is also certified to ISO 27001, an independent international information security management standard.

Fujitsu works closely with customers to ensure our information security standards meet the customer’s own security and risk management requirements. In addition, Fujitsu shall adhere to all requirements stipulated by industry regulators, including the Defence Cyber Protection Partnership, and HMG Security Policy Framework and supporting Security Policies.

Cloud services with high-speed network connectivity

As the provider of the Global Connectivity Service to the UK Ministry of Defence, Fujitsu is ideally placed to provide high-speed secure network connectivity. The service can be hosted in one or more of our dedicated datacentre facilities, or where necessary, the customer’s data centre may also be used for hosting, or a combination of both facilities, as required. Fujitsu has the flexibility and capability to deliver an organisation’s specific needs and requirements.

Why Fujitsu in Defence & National Security?

Our world is being disrupted. But together with you, Fujitsu’s ambition is to build a brighter, more sustainable future for us all.

We want to work together to navigate this digital disruption collaboratively, and explore solutions to the evolving threats we face today. Together, we can exploit technology that will drive high-impact improvement, transform our digital future, and help to make us more sustainable in every way.

We can do this by harnessing technologies such as AI, machine learning, digital twin, quantum, and high-performance computing. Our vision uses the power of everyone, bringing together our integration capabilities and knowledge in managed services with cognitive and advanced technologies that will drive your digital transformation. By elevating people higher up the value chain allows the smartest ideas to emerge to tackle tomorrow’s big challenges today – whatever they may be.

With our technological inspiration and business vision from Japan, we touch the lives of millions of people around the world every day. For over 60 years, we’ve been working at the highest levels of security demanded by militaries, governments, and industry to ensure the UK’s most critical infrastructure operates smoothly, 24/7.

We’ve continually had to adapt to a changing world, and we will keep evolving in the face of future threats. We are diverse, creative, talented, and different. And we are committed to building new possibilities for everyone. By connecting people, technology and ideas, we are making the world more sustainable by building trust in society through innovation.