Fujitsu Secure Cloud
Enabling Digital Transformation in a Secure Environment

Today's leading organisations are increasingly under pressure to pursue the benefits of digital transformation. But in certain industries where far greater levels of security are demanded at OFFICIAL, SECRET and TOP SECRET, digital adoption can pose substantial threats.

Secure environments present two specific challenges:

- Migrating existing workloads in a cost-effective way – these legacy workloads are often hosted on small, bespoke infrastructures which are inflexible and inefficient
- Digital transformation projects which demand a flexible cloud platform to enable agile development of cloud native applications and other innovative progression.

A cloud-based approach is the natural starting point to deliver this flexible platform for both existing workloads and cloud native development, and one that will enable future digital innovation. But stringent security demands are stalling many organisation's digital aspirations. So, the challenge dictates that any cloud-based approach is delivered in a secure environment that meets the rigorous requirements of Government Security workloads from OFFICIAL SENSITIVE to TOP SECRET.

Designed to enable digital transformation in a secure environment

To address this specific challenge, Fujitsu has developed the Fujitsu Secure Cloud, designed for organisations with such stringent security needs. Drawing on Fujitsu's global experience in delivering cloud-based technologies, and based on our next generation digital infrastructure, the industry-leading cloud-based service provides an enablement platform for future digital services.

Fujitsu Secure Cloud gives an organisation the flexible and scalable cloud platform they demand, in a secure environment.
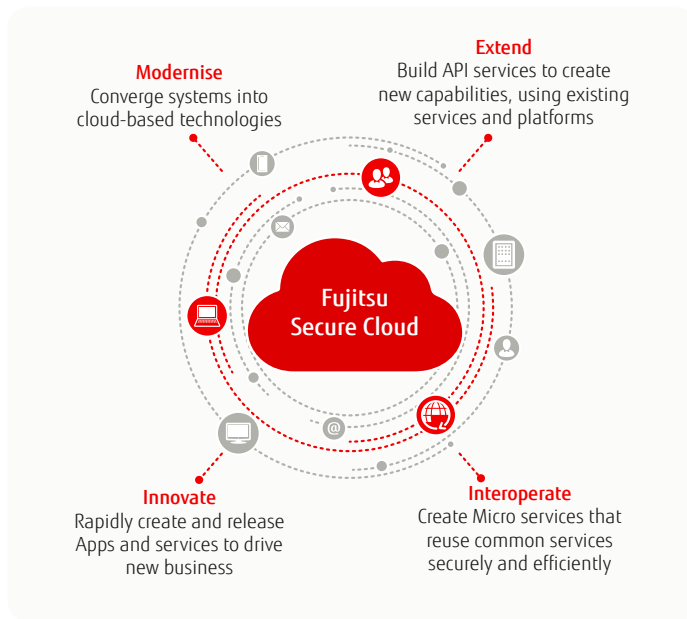
The service enables the migration of legacy environments to a modern cloud-based infrastructure, delivering the benefits of a more efficient and effective hosting environment. The platform also enables the modernisation and exploitation of existing IT investments, along with the development of new innovative cloud-native applications, providing a solid platform for your future digital strategy.

Industry-leading cloud virtualisation technology

Fujitsu Secure Cloud is based on established industry-leading cloud virtualisation technology from VMware. This service utilises VMware's Software Defined Data Centre (SDDC) solutions and has been designed with support from VMware consultants following patterns that have been tried and tested and capable of accreditation for use at OFFICIAL SENSITIVE and above.

Fujitsu can provide customers with an entirely VMware approach across all security domains from OFFICIAL using VMC on AWS, Fujitsu Managed Private Cloud (FMPCS) on a private cloud up to OFFICIAL SENSITIVE and Fujitsu Secure Cloud for services hosted on private clouds at higher classifications.

Flexibility in deployment, procurement and pricing

Flexibility is at the heart of the solution design, which includes features that are commonly found in a public cloud environment. Deployment is not restricted by any location which means we can deliver the solution wherever a customer has the need. Fujitsu has the global capability to install and service a deployment anywhere in the world.

Fujitsu Secure Cloud can be procured via the UK Government's G-Cloud service and is highly agile offering a variety of flexible pricing mechanisms from a pay-as-you-use pricing model to full asset purchase, depending on the customer's preference. It has been designed to scale starting with a small, entry-level offering. This can be delivered with a range of physical capacities allowing customers to flex workloads as demand dictates, utilising both Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) capabilities. As a purely standalone capability this can also be used in deployed scenarios. The Fujitsu Secure Cloud can also be used in deployed scenarios where connectivity and hosting services are limited.

Proven security and information assurance

Our ability to deliver this approach at heightened security levels is well proven. Fujitsu Secure Cloud Service provides a private or community cloud solution that can run workloads that comply with or exceed relevant Government Security Classifications.

The Fujitsu Secure Cloud service builds on the extensive experience from Fujitsu of delivering secure solutions for numerous Government services that operate at SECRET and above classifications. In the UK, Fujitsu is certified for Cyber Essentials Plus and has designed the Secure Cloud Service to meet the goals defined in NCSC Cloud Security Principles 1-14. The Fujitsu Secure Cloud complies with NIST best practice security standards.

Fujitsu will work 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.
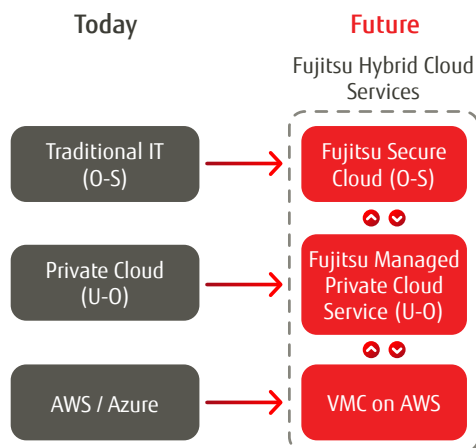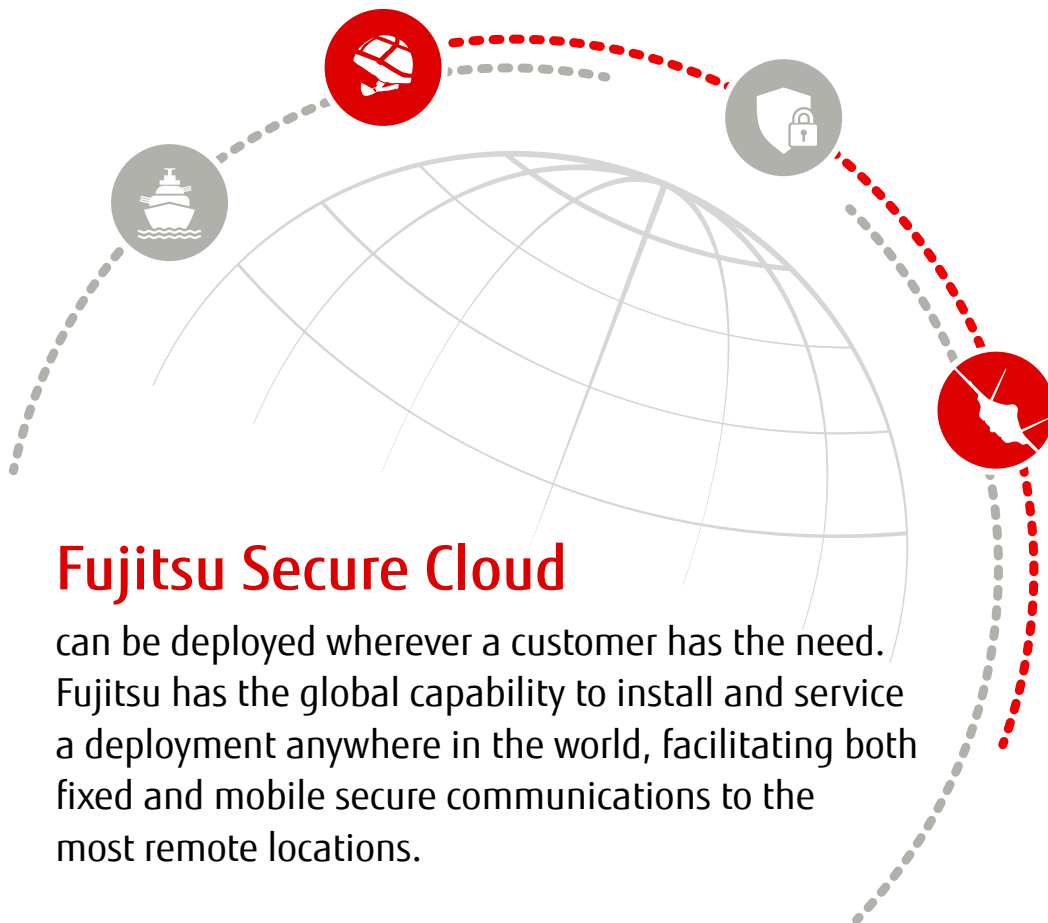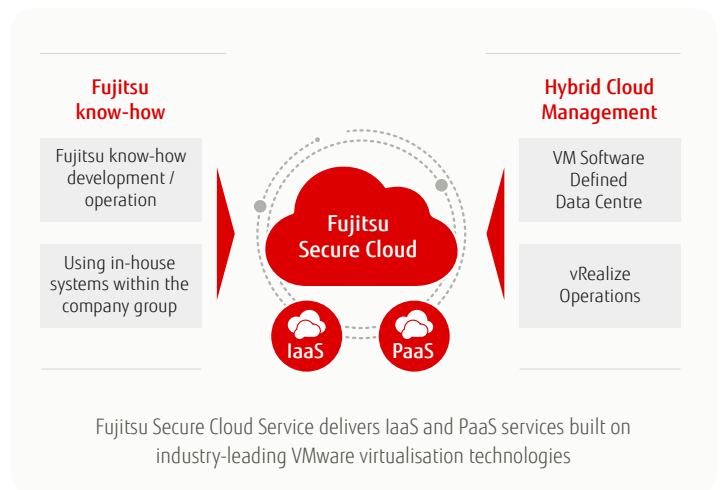
Private or Community Cloud with high-speed network connectivity

Fujitsu has the flexibility to deliver the Fujitsu Secure Cloud service as a dedicated private cloud capability for a single organisation, or a community cloud for multiple organisations operating with the same security posture. 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 to support this service.

The Fujitsu Cloud Service can be hosted in one of our dedicated Tier III datacentre facilities, the customer's datacentres or a combination of both. Fujitsu has the flexibility and capability to deliver an organisation's specific needs and requirements.

Simplified governance and operations

The Fujitsu Secure Cloud service provides a self-service User Portal and APIs that enable customers to consume, configure and manage their service. Each organisation will receive unique credentials that gives access for authorised administrators, developers and business to design, provision and approve resources within the Fujitsu Secure Cloud service. API access is based on VMware's standard API interface which is capable of being used for custom deployment scripts, continuous integration/deployment tools and automated deployment tools such as Terraform, Cloudify or Cloud Foundry.

Fujitsu know-how

Fujitsu know-how development / operation

Using in-house systems within the company group

Fujitsu Secure Cloud

IaaS   PaaS

Hybrid Cloud Management

VM Software Defined Data Centre

vRealize Operations

Fujitsu Secure Cloud Service delivers IaaS and PaaS services built on industry-leading VMware virtualisation technologies

Fujitsu Secure Cloud

can be deployed wherever a customer has the need. Fujitsu has the global capability to install and service a deployment anywhere in the world, facilitating both fixed and mobile secure communications to the most remote locations.

Fujitsu Secure Cloud Service at-a-glance

Designed to enable digital transformation in a secure environment

Fujitsu Secure Cloud Service enables the migration of legacy environments to a modern cloud-based infrastructure, along with the development of new innovative cloud-native applications, in a secure environment from Official Sensitive and above:

- Built on industry-leading VMware technology, the secure service delivers both Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) capabilities
- An entirely consistent approach is delivered at all security domains from public cloud right up to TOP SECRET
- Deployment is not restricted by any location - Fujitsu has the global capability to install and service a deployment anywhere in the world
- Can be delivered as a dedicated private cloud capability for a single organisation, or a community cloud for multiple organisations operating with similar security postures
- A highly agile service offering a variety of flexible pricing mechanisms from a pay-as-you-use to full asset purchase

- Designed to scale starting with a small, entry-level offering, providing a cost-effective solution
- Self-service Portal vastly simplifies governance and operations of the cloud, allowing authorised administrators, developers and business users to select and approve services that comply with pre-defined business policies
- Builds on the extensive experience from Fujitsu of delivering secure solutions for numerous Government services that operate at SECRET or TOP SECRET
- The service can be procured via the UK Government's G-Cloud service.

Fujitsu & VMware Global Partnership

VMware is a global leader in cloud infrastructure and business mobility, helping customers accelerate their digital transformation. VMware enables enterprises to master a software-defined approach to business and IT with VMware Cross-Cloud Architecture™ and solutions for the datacentre, mobility, and security.

Fujitsu has been working on a global basis with VMware for 15 years, and is uniquely placed in the VMware global partner ecosystem as an OEM manufacturer, reseller, service provider and global systems integrator and outsourcer.

Our partnership has jointly invested building managed services ranging from private clouds to government SECRET clouds, as well as transformational digital workplace solutions and more recently IoT. Amongst other initiatives, VMware and Fujitsu architects have worked extensively to build a robust, supportable and cost-effective Private Cloud solution for up to SECRET workloads.

Why Fujitsu?

For over 50 years we have innovated with the MOD, Government Departments and intelligence communities, co-creating new technologies and capabilities. As a result, Fujitsu has around 4,000 security cleared staff and the experience to deliver and manage both generic industry offerings and those tailored to specialist needs at OFFICIAL, SECRET and ABOVE SECRET classifications.

Enabling *Your* Information Advantage

In today's complex, digital operational environment, never before has information been such a key asset in securing operational advantage. Fujitsu's vision is to provide customers with the means to translate complex data into useful information upon which to base critical decisions and actions. Transforming this ever-increasing pool of data into meaningful, useful information through analytics, automation and genuine Artificial Intelligence is critical to achieving this goal.

Fujitsu is fully committed to working closely with our customers, and through the use of co-creation will seek to enhance capability both through the acceleration of existing processes, and also through the delivery of truly new capabilities and ways of working. Our approach is based upon maximising both existing investment and best-in-class innovation, delivering the full spectrum of capabilities needed to enable your information advantage.

Human Centric Innovation
Driving a Trusted Future

Contact

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