FUJITSU Cloud
IaaS Private Hosted

FUJITSU

FUJITSU Cloud

IaaS Private Hosted

Flexible and secure access to the server, storage and network capacity you need, when you need it.

Today's fast-paced markets mean organizations require new levels of agility from their IT environment. It's putting renewed pressure on IT teams who need to respond rapidly with new and better services, but are constrained by the lengthy cycles involved in purchasing and implementing new IT capacity.

In response, organizations are increasingly looking to the cloud – and the opportunity it presents to readily access new infrastructure, without the risks, costs or management overhead associated with traditional approaches.

Cloud-based services promise to transform the cost and speed with which new server, storage and network capacity are acquired.
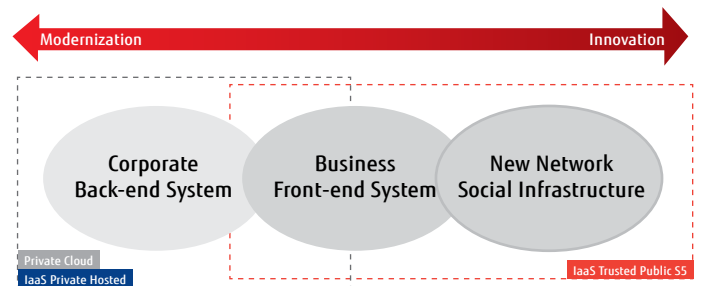
Embracing Infrastructure as a Service

Many organizations are turning to the cloud as a way to enable infrastructure modernization, cost optimization and business innovation. With Infrastructure as a Service (IaaS), you can:

- Prepare for future growth by rapidly responding to both strategic and short-term business needs and scaling your IT environment to meet new demands.
- Enable product and service innovation at low risk so the business can grow while incurring limited costs.
- Reduce your time to market with fast-access ICT capacity and capabilities.
- Flexibly manage peaks and troughs and avoid over-capacity by adjusting your organization's computing needs to seasonal or uneven demand.
- Lower your Total Cost of Ownership using a flexible 'pay as you use' model to host your own data center infrastructure and gain access to current enterprise-class technology.
- Reduce the constraints of own data center resources and overcome the limitations of IT, space, power and cooling infrastructure.
- Let IT staff focus on their core competencies by relieving them of mundane infrastructure operations and allowing them to focus on bringing in applications and solutions.

For business to succeed – or even survive – they need to innovate. And this requires an agile ICT environment – one that's able to rapidly respond to its business' needs. Our experience shows that clients generally adopt cloud for two reasons:

- To innovate (usually led by business units)
- To modernize (usually led by IT departments)

Overcoming the barriers

Although many organizations have embraced cloud-based services, for others there are still barriers to adoption, with security often the primary concern.

The key issue is essentially knowing where data will reside given its location can have a significant impact on its privacy and confidentiality – potentially breaching legal obligations.

However, while public cloud services, typically available to anyone with a credit card, give no indication of where data will be held or with whom resources will be shared, a community or private cloud service can address these issues head on.

"With Fujitsu's [hosted] private cloud, we can now get applications on board faster and easier without the constraint of infrastructure. We now simply buy services from Fujitsu. We do not own anything anymore, it is up to Fujitsu to manage and provision IT resources for us."
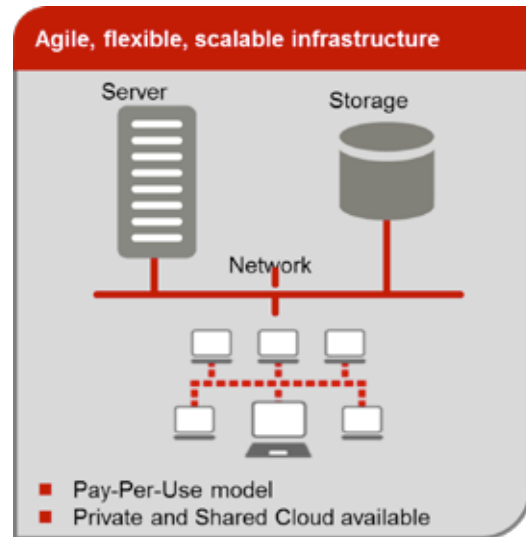
Mr Lim Chai Seng,
Head of IT, NTUC First Campus (Singapore)

Agile, flexible, scalable infrastructure

Server

Storage

Network

■ Pay-Per-Use model
■ Private and Shared Cloud available

FUJITSU Cloud IaaS Private Hosted

Currently deployed in over 15 countries around the world, IaaS Private Hosted makes it easy for clients to meet regional compliance and regulatory requirements, delivering on-demand or reserved local access to shared or dedicated infrastructure resources on a flexible pay-as-you-use basis. In addition, the IaaS Private Hosted service catalog provides enhanced options to meet specific service level requirements with regards to the availability and performance required for hosting a broad range of complex and demanding workloads.

IaaS Private Hosted provides servers, storage and network capacity as a service – fully customizable to meet the security and performance demands of your business.

It gives you cloud-based access to locally-hosted infrastructure as you need it. What's more, our industry leading, enterprise-class Tier III data centers based in Singapore mean you always know where your data is, that it's secure and available on demand. IaaS Private Hosted bridges the gap between the needs of your business and the limitations of traditional IT infrastructures. It enables you to scale your IT environment up or down, rapidly and on-demand. Essentially, you only pay for the resources you use, as you go and as you grow.
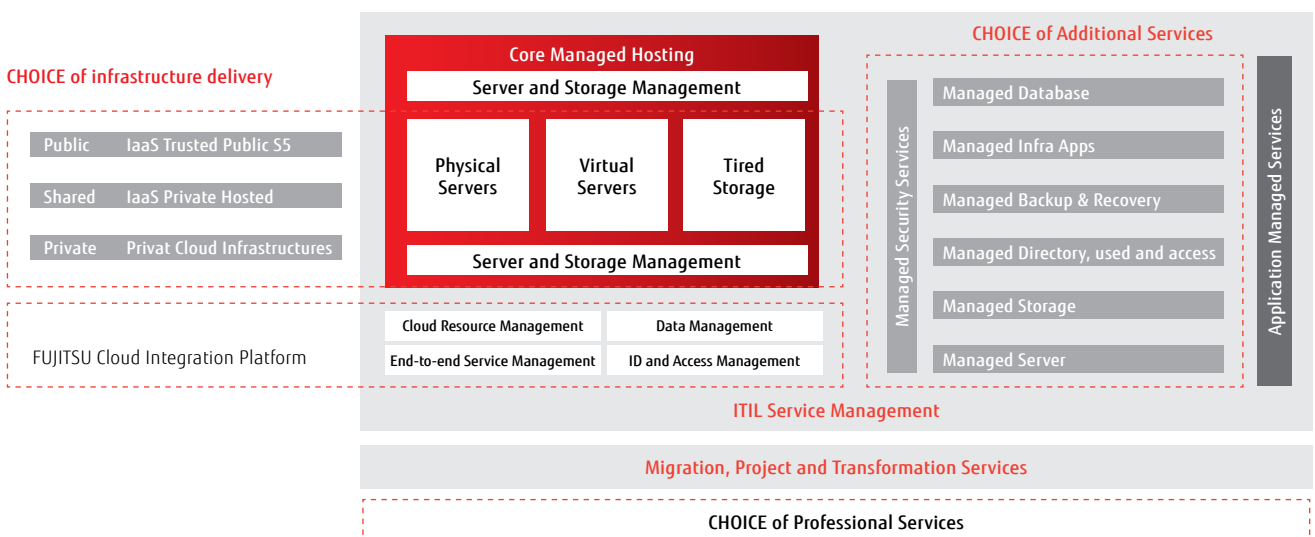
Key features

IaaS Private Hosted provides the following standard features:

• Compute resources with choice of VCPU and RAM
• VMware vCloud management portal
• Configurable firewall for security
• Windows server and Red Hat Linux options
• Tiered storage options
• Tape backup option
• Network connectivity options: Internet and Private/Intranet
• Service desk support
• RMC managed service (monitoring, service reporting, operation management)

The service can be customized with Fujitsu managed services, which include:

• Multi-site disaster recovery
• Private cloud installations in your own data center
• Hybrid delivery model for traditional data center and cloud services to co-exist

Though Infrastructure as a Service reduces the effort and in-house skills needed to set up and manage compute, storage and networks, the system still needs to be managed.

CHOICE of infrastructure delivery

Public	IaaS Trusted Public S5
Shared	IaaS Private Hosted
Private	Privat Cloud Infrastructures

FUJITSU Cloud Integration Platform

Core Managed Hosting
Server and Storage Management

| Physical Servers | Virtual Servers | Tired Storage |

Server and Storage Management

| Cloud Resource Management | Data Management |
| End-to-end Service Management | ID and Access Management |

CHOICE of Additional Services

Managed Security Services

Managed Database
Managed Infra Apps
Managed Backup & Recovery
Managed Directory, used and access
Managed Storage
Managed Server

Application Managed Services

ITIL Service Management

Migration, Project and Transformation Services

CHOICE of Professional Services

Through a range of managed hosting services covering every aspect of IaaS deployment and management, we'll simplify and streamline your environment so it's optimized for performance and availability. You entrust specific infrastructure provisioning, configuration, monitoring and management tasks to Fujitsu experts, and they'll be responsible for providing and maintaining your physical and virtual hardware – attaching it to the tiered storage of your choice and hosting it from a Fujitsu data center. And by monitoring and managing your hardware and operating systems, we'll ensure you're able to meet your business's evolving operational needs. We offer:

- **Managed Server** to take care of your operating system, including everything from deployment and management to ongoing monitoring, maintenance and trouble shooting.
- **Managed Storage** to optimize performance and maximize data availability, managing capacity in line with changing business demands.
- **Managed Backup and Recovery** to protect your data and enable its recovery to ensure business continuity is not affected.
- **Managed Directory, User and Access** to manage your user directory services, allowing system resources to be controlled and managed.
- **Managed Infrastructure Applications** to manage the key infrastructure applications that underpin the smooth running of your environment.
- **Managed Database** to manage and monitor your SQL or Oracle infrastructure, optimizing availability and performance – so you can access your data seamlessly.
- **Managed Security Services** to protect you against threats by taking care of security updates, detecting intruders and ensuring effective incident management around the clock.

A trusted cloud services partner

IaaS Private Hosted builds on Fujitsu's breadth and depth of expertise – and more than 30 years of experience in the delivery of enterprise-class services to organizations globally. Today we are one of the three largest IT service providers in the world.

Fujitsu offers a comprehensive range of trusted cloud solutions and services to support your goals, more rapidly at lower cost and with greater agility – wherever you may be on your cloud journey. We provide a complete range of cloud consulting services – including assessment and advisory services to help you determine which workloads to move and which type of cloud environment makes most sense.

We have invested in building the FUJITSU Cloud IaaS Trusted Public S5 and the IaaS Private Hosted platforms to provide you with real flexibility and choice, so you can fully reap all the benefits of the cloud, without the risks.

Reaping the benefits: Summary

- Rapidly respond to both strategic and short-term business needs by being able to readily access unlimited ICT capacity and capabilities.

- Deliver innovation and support rapid business growth with low start-up costs and less risk.

- Drive down costs by eliminating redundant capacity and exploiting scale.

- Consume technology services in the most energy-efficient way.

- Customize the service to meet your data security and performance requirements.

Fujitsu Singapore