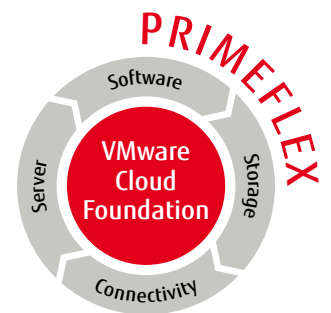# Deliver IT at the speed of business

FUJITSU Integrated System PRIMEFLEX for VMware Cloud Foundation

Digital business demands are outpacing IT's ability to deliver at the speed required by the business, particularly when the data center is hardware-defined. IT infrastructures based on a Software-Defined Data Center architecture (SDDC) deliver greater responsiveness and agility into IT, creating a next generation data center foundation that's more cost-efficient, resilient, and adaptable to changing business scenarios.

PRIMEFLEX

Software · Storage · Connectivity · Server

VMware Cloud Foundation

To avoid disparate IT infrastructure that increases in complexity as businesses grow, data center customers increasingly see integrated systems as the go-to-alternative. PRIMEFLEX for VMware Cloud Foundation is a turnkey integrated system that includes all the hardware and software to simplify deployment of a large-scale hyper-converged software-defined data center infrastructure. It combines high performance, energy efficient Fujitsu PRIMERGY standard x86 servers, network switches from Extreme Networks® and VMware Cloud Foundation™, VMware's integrated platform that delivers enterprise-ready services for compute, storage, networking and security in combination with unique lifecycle management capabilities. PRIMEFLEX for VMware Cloud Foundation is ideal for businesses and service providers who demand fast time to production, reduced management complexity and lower TCO.

Your advantages*

- 15x faster time to market through turnkey integrated system delivery
- 20x faster application provisioning with self-service automation
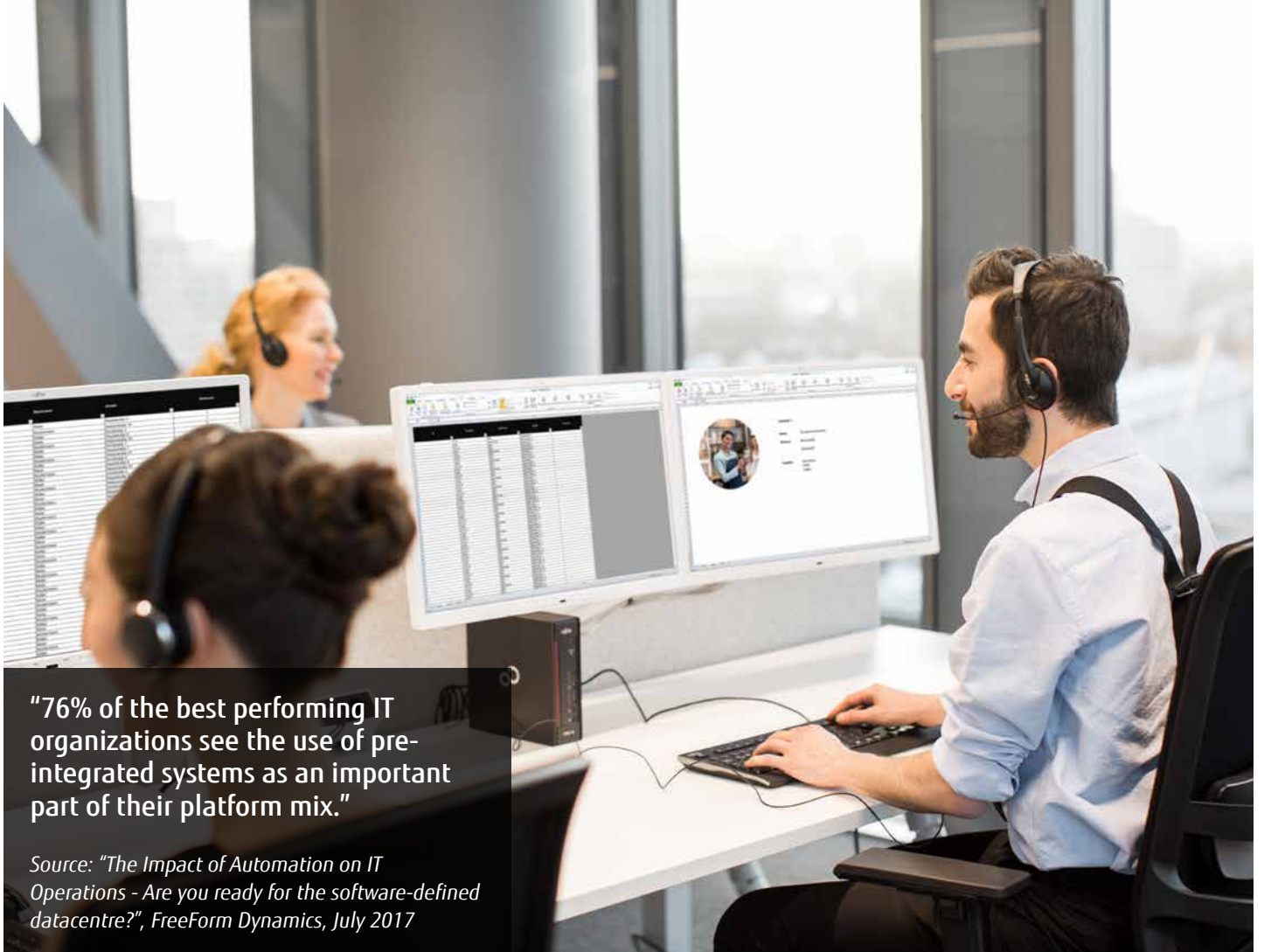- 30-40% lower TCO over a traditional 3-tier infrastructure

* based on internal VMware analysis and testing

Learn more about PRIMEFLEX for VMware Cloud Foundation:
www.fujitsu.com/emeia/pf4vcf

shaping tomorrow with you

FUJITSU

"76% of the best performing IT organizations see the use of pre-integrated systems as an important part of their platform mix."

Source: "The Impact of Automation on IT Operations - Are you ready for the software-defined datacentre?", FreeForm Dynamics, July 2017

Get fast time to value
Mitigate risk with a turnkey factory-integrated system that integrates the entire VMware software-defined stack with guaranteed interoperability, freeing organizations from dealing with complex interoperability matrixes. Benefit from 15x faster time to market with software-defined data center infrastructure by eliminating complex processes around system design, testing, configuration, and provisioning.

Enjoy high application performance
Get maximum performance with Fujitsu standard x86-servers delivering the most powerful VMware virtualization platform. Fujitsu x86 servers have a long track record of continuous outstanding benchmark results. They enjoy the longest leadership positions in most of the VMware VMmark 2.x benchmark categories and continue to lead in VMmark 3.x.

Get enterprise-class storage services
Benefit from VMware's leading hyper-converged architecture with all-flash performance and enterprise-class storage services including deduplication, compression and erasure coding, delivering elastic storage and drastically simplifying storage management.

Increase operational efficiency
Remove focus on maintaining infrastructure and move valuable staff resources to activities that create business value.

Enable self-driving operations
Self-driving health, performance, capacity, and configuration management help you plan, manage and scale your SDDC environment efficiently.

Introduce self-service automation
Benefit from 20x faster application provisioning through streamlined delivery of application services via blueprints (templates) that bind compute, storage, networking, and security resources through policies.

Reduce ongoing day-to-day operations
Benefit from unique lifecycle management services that automates day 0 to day 2 operations, from deployment to configuration of the SDDC environment, to on-demand provisioning of infrastructure clusters and patching/upgrades of the complete software stack.

PRIMEFLEX for VMware Cloud Foundation helps Akademiska Hus transform its IT estate to a fully digitized, private cloud environment.

Challenge
Digitize every aspect of the IT estate to become more efficient and flexible, and migrate to a private cloud environment that can be easily extended to a hybrid cloud.

Solution
Implement a plug-and-play PRIMEFLEX for VMware Cloud Foundation solution, which now supports 450 users in 16 locations, using VDI.

"It quickly became clear that Fujitsu could provide all the technology we need and scale easily to a hybrid cloud solution. Moreover, in terms of cost, Fujitsu delivered the best bang for our buck."
Per Brantsing Karlsson, IT Manager
Akademiska Hus

Deliver end-to-end security

PRIMEFLEX for VMware Cloud Foundation delivers end-to-end security for all applications by delivering network-level micro-segmentation, distributed firewalls and VPN, compute-level encryption for virtual machines, vMotion®, and storage-agnostic data at rest encryption.

Grow as you go

Based on a scale-out, hyper-converged architecture, a PRIMEFLEX for VMware Cloud Foundation implementation can start as small as eight nodes, and can scale out to multiple racks. Additional capacity and performance can easily be added linearly in increments as small as one server node at a time within a single rack, scaling out to eight full racks per SDDC Manager instance. This enables IT organizations to better align CAPEX spend with business needs.

Simplify path to hybrid cloud

PRIMEFLEX for VMware Cloud Foundation dramatically simplifies the path to hybrid cloud by delivering a common platform for private and public clouds, enabling a consistent operational experience and the ability to quickly and easily move workloads at scale across clouds without re-architecting applications. With the Fujitsu service offering for VMware Cloud on AWS, Fujitsu helps organizations on VMware enterprise environments to unlock the benefits of Amazon Web Services (AWS) alongside a mix of any other cloud platforms - without the need for large or costly transformation projects.

Main use cases

Cloud Infrastructure

With PRIMEFLEX for VMware Cloud Foundation, customers have a solution to run a fully virtualized infrastructure. Cloud administrators have the ability to expand and contract the underlying infrastructure to meet their changing business needs.

IT Automation

By integrating cloud management services, customers can automate the infrastructure and application delivery with self-service capabilities and day 2 operational capabilities across private and public cloud.

Virtual Desktop

PRIMEFLEX for VMware Cloud Foundation for VMware Horizon® delivers a complete solution for VDI deployments at scale. It simplifies the planning and design of a VDI environment.

Hybrid Cloud

PRIMEFLEX for VMware Cloud Foundation gives customers the flexibility to run the same platform on premises and as a service through a public cloud provider. Organizations can build a true hybrid cloud with common infrastructure and consistent operational model, connecting on- and off-premise data centers to make them compatible, stretched and distributed.

Transform with confidence to SDDC with PRIMEFLEX for VMware Cloud Foundation

By choosing Fujitsu for your Software-Defined Data Center project, you will benefit from Fujitsu's strategic partnership with VMware and a track record of over a decade in deploying large VMware infrastructure projects – ranging from virtualization and the Software-Defined Data Center to the cloud. As a global technology and service provider running 100+ data centers worldwide, Fujitsu has over 30 years' experience deploying and operating large data center infrastructures. If your organization is making the move to SDDC, PRIMEFLEX for VMware Cloud Foundation will make it a success.

Support and financing

Fujitsu is your single point of contact for PRIMEFLEX for VMware Cloud Foundation. The Fujitsu SolutionPacks for integrated systems provide end-to-end infrastructure support covering the complete hardware and software stack. A unique solution identifier for PRIMEFLEX for VMware Cloud Foundation allows our support teams to make solution-level decisions when working with these sometimes complex systems. For example, this enables us to route support calls to specialized, solution-aware support engineers, making for easier support interactions with speedier resolution times. Fujitsu Financial Services can also offer you a complete portfolio of IT leasing and financing solutions, trade-in and buy-back options.

Learn more about integrated systems from Fujitsu:
www.fujitsu.com/global/bcis

Solution partners: