Fsas Technologies
a Fujitsu company

Fast track to Nutanix HCI

PRIMEFLEX
for Nutanix

Multi-cloud infrastructures are freeing up the economics of IT. Unlike traditional infrastructures, an enterprise cloud spans multiple clouds from private to public to edge clouds, creating a next generation enterprise cloud data center that's even more cost-efficient, resilient, and adaptable to changing business scenarios.

Organizations are eager to find new and better ways for IT infrastructure to keep up with the demand for new applications. Trying to manage all the separate clouds from private to public to edge clouds is a challenge of complexity. However, Fsas Technologies can provide an enterprise cloud platform that spans all these clouds: PRIMEFLEX for Nutanix.

PRIMEFLEX for Nutanix is a multi-cloud, multi-hypervisor platform that includes all the hardware and software to simplify procurement and deployment by using hyper-converged building blocks. It leverages high performance, energy-efficient PRIMERGY standard x86 servers and the software-defined compute and storage technology from the Nutanix Cloud Platform. The result is reduced complexity and vastly superior TCO from this multi-cloud infrastructure environment.

The facts:

- Deploy a cluster in under 15 minutes
- 250K+ IOPS per server
- Up to 4x greater storage efficiency
- Scale an endless number of systems and unlimited storage
- Mitigate risk with built-in resiliency
- Single console monitoring with simple one-click management
- Support for all leading hypervisor

Learn more about PRIMEFLEX for Nutanix:
www.fujitsu.com/emeia/nutanix

NUTANIX

Move to a more adaptable IT

As enterprises move to digital business processes spanning multiple clouds, data center operations are challenged to provide a responsive IT infrastructure that satisfies the increasing demand for better service levels. PRIMEFLEX for Nutanix delivers the speed, flexibility, reliability and scalability across multiple clouds necessary to deploy a more adaptable IT that's aligned to future business needs.

Need for speed?
PRIMEFLEX for Nutanix provides support for industry-leading hypervisors, including the built-in Nutanix AHV hypervisor in combination with high-speed flash disk devices and high-throughput, low-latency networking technology. You can therefore set up a high-performance, responsive virtual IT infrastructure that provides consistent IOPS with sub-millisecond response times. In all-flash or hybrid disk configurations, PRIMEFLEX for Nutanix easily exceeds 250,000 IO Operations per Second (IOPS).

Protect your business
Built-in resiliency handles drive, server, or component failures – delivering continuous availability. If hardware fails, just swap it out; the software heals itself, with no complicated management steps.

Grow as you go
Scale your environment to an endless number of systems and unlimited storage. To scale out, simply add more system nodes. PRIMEFLEX for Nutanix Enterprise Cloud will automatically onboard new nodes and begin using them.

Simplify infrastructure setup
Once you have the systems mounted and cabled in a rack, the Linux or Windows operating system installed, and networking configured, you're looking at under 15 minutes to get the cluster configured.

Simplify infrastructure management
No specialized skill or expensive training is required – perfect for environments such as remote or branch office locations with limited IT staff to even the most demanding enterprise data centers. Integrated load balancing automatically migrates overly busy VMs to other system nodes in the cluster to ensure service levels are consistent. The Nutanix Prism management tool provides continuous built-in monitoring and alerting, and APIs make it easy to collect rich, cluster-wide performance and capacity metrics. Nutanix Calm application lifecycle management and cloud orchestration accelerates application deployments into private or public cloud environments.

Improve storage efficiency

Unique innovations offer better space and performance trade-offs than classic RAID configurations. Erasure coding and advanced compression deliver up to 4x greater storage efficiency.

Reduce storage costs

PRIMEFLEX for Nutanix uses onboard storage local to each node. This reduces costs and eliminates the need for extra tools and training for managing complex external SAN infrastructures.

Flexible choice of leading hypervisors optimizes cost of virtualization

Customers can choose between the built-in Nutanix AHV hypervisor and VMware ESXi including the option to switch between hypervisors with a single-click migration.

Save floor space, power and cooling

The convergence of compute and storage resources in an industry-standard server reduces your infrastructure footprint, saves floor space, power and cooling expenses.

More time for value-added activity

Since server and storage management are consolidated, you can move valuable staff resources from infrastructure-related management tasks to activities that create business value.

Implementation Services

To enable a fast time to production of your PRIMEFLEX for Nutanix solution, Fsas Technologies offers a standardized ImplementationPack with a single order code and price tag covering the creation of a low-level design, the installation including all hardware and software components, the option to deploy workloads provided by the customer, and the handover of all documentation upon successful completion of the project. The new PRIMEFLEX Implementation Desk along with the easy-to-use web-based Product Deployment Portal makes infrastructure deployment faster, more reliable and secure. Experience from many successful project implementations clearly shows that a well-executed and documented implementation is an important pre-requisite for delivering high-quality infrastructure support services and ultimately for improved customer satisfaction.

Infrastructure Support

To ensure exceptional support that extends beyond individual hardware and software components, Fsas Technologies offers specialized SolutionPacks. These standardized infrastructure support offerings cover all dependencies within the technology stack of a PRIMEFLEX solution. A unique solution identifier allows our support teams to make solution-level decisions, enabling us to route support calls to specialized, solution-aware engineers. This results in simpler support interactions and faster resolution times.

Financial Solutions

Fsas Technologies offers a complete range of financing solutions, such as IT leasing, trade-in, buy-back or even cloud-like financing models. With uSCALE, the pay-per-use consumption model is no longer a domain of the cloud. Fsas Technologies is now helping organizations to achieve pay-per-use agility across their entire IT landscape, including their on-premises data center.

Choice of delivery options

To ensure a smooth deployment and easy maintenance of your integrated system, PRIMEFLEX for Nutanix includes a mandatory on-site implementation service and an infrastructure solution support service that provides a single point of contact for support of the complete technology stack. Companies who have sufficient resources in their IT department to deploy and maintain the IT infrastructure on their own, can choose the PRIMEFLEX Essentials option without an implementation service and infrastructure solution support. The choice is yours – simply select the delivery option you need.

PRIMEFLEX	
Infrastructure Support	Implementation Service
PRIMEFLEX Essentials*	

*Certified hardware & software including component support

	XF1070 (1U LFF)X	F3070 (1U SFF)	XF8050 (2U SFF)X	F8055 (2U LFF)	XF8055 VDI (2U LFF)
Nutanix Software	Nutanix Cloud Platform (NCI, NCM and more)				
CPU	1x5th Generation Intel Xeon	2x 5th Generation Intel Xeon			
GPU (for VDI)	–	–	5x NVIDIA L46	x NVIDIA L4	2x NVIDIA A16, A100, A40 or L40
Memory	96GB - 4096GB1	28GB - 8192GB			
Storage	4x 3.5" drives All-Flash or Hybrid	10x 2.5" drives All-NVMe, All-Flash or Hybrid	24x 2.5" drives All-Flash or Hybrid	12x 3.5" drives All-Flash or Hybrid	6x 3.5" drives All-Flash or Hybrid
Networking	10GbE, 25GbE or 100GbE				
Hypervisors	Nutanix AHV, VMware ESXi				

Learn more about PRIMEFLEX for Nutanix: **www.fujitsu.com/emeia/nutanix**

The facts:

- Faster time to production for your cloud and virtual infrastructure
- Easy to order, deploy, operate and scale
- High performance, availability and efficiency
- Grow as you go with no large upfront investments
- Reduce storage costs, save floor space, power and cooling expenses
- Security built-in from initial deployment and for ongoing operations

NUTANIX