



Your fast track
to a hyper-
converged IT
infrastructure



FUJITSU Integrated System PRIMEFLEX for VMware EVO: RAIL

Leveraging solid configurations of servers, network, storage and virtualization software as platforms has become standard today. Various set-ups, such as virtual desktop infrastructures (VDI), private cloud computing and server-virtualization, use these platforms built from single components.

However, users often complain about the slow implementation of additional computing and storage capacities in response to growing needs. This is also coupled with functionality issues and costs that are higher than anticipated. The installation and lifecycle management of individual components in such a platform has resulted in unexpected high expenditure. In order

to overcome these challenges Fujitsu – together with VMware – are using their experience to generate an entire ready-to-run appliance. This solution comes as one unit and covers all the hardware, software and service components required as a uniform virtualization platform: FUJITSU Integrated System PRIMEFLEX for VMware EVO: RAIL.

Customer Benefits at a glance:

- Trusted foundation based on proven technology
- Infrastructure at the speed of business
- Easy to obtain & single point of contact
- Ready-to-work in minutes
- Simplified design with predictable sizing & scaling

shaping tomorrow with you

FUJITSU Integrated System PRIMEFLEX for VMware EVO: RAIL

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PRIMEFLEX for VMware EVO: RAIL is built according to Fujitsu's proven and quality assured processes which set up completely pre-configured and pre-installed solutions. As soon as some minor on-site preparations have been completed, the hyper-converged IT infrastructure can be used productively within 15 minutes after its initial operation. The Fujitsu EVO: RAIL appliance is based on Fujitsu x86 servers which have been at the top of the VMware VMmark benchmark categories for years. Thanks to the Fujitsu Cool-safe® advanced thermal design, as much as 27% cooling costs can be saved on top of the comparably low energy consumption. Moreover, Fujitsu acts as a single-point-of-contact for all the hardware and software services. Additionally a broad set of services is optionally available. These services start with consulting, migration, various operational services and are complemented by manifold cloud services.

Components and Appliance design

PRIMEFLEX for VMware EVO: RAIL is based on established hardware and software components. Fujitsu's qualitative, efficient and agile x86 PRIMERGY systems mark a solid base, optimized for this hyper-converged solution. Each appliance consists of the latest FUJITSU Server PRIMERGY CX400 M1 with four independent nodes FUJITSU Server PRIMERGY CX2550 M1.

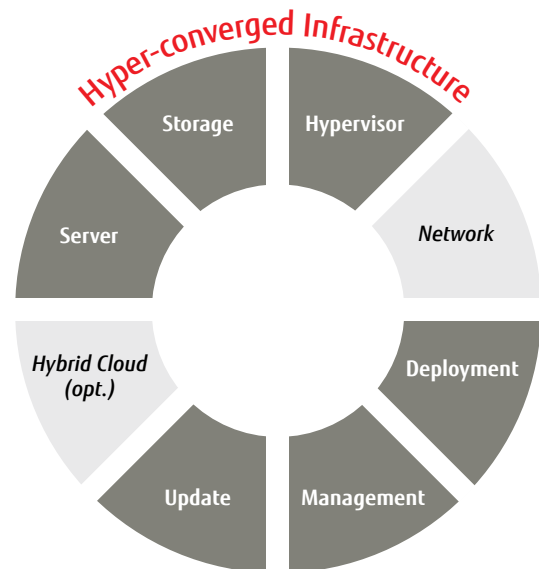
Each node is equipped with:

- latest Intel® Xeon® E5-2600 v3 family processors
- 192 GB of memory
- 1x 400 GB SSD and 3x 1.2 TB SAS hot-plug HDD
- as well as 2x 10Gbit/s Ethernet connectors.



FUJITSU Integrated System PRIMEFLEX for VMware EVO: RAIL front view

Moreover, FUJITSU Server PRIMERGY systems deliver unprecedented performance for virtualized environments based on 20 years of experience gained in server design and engineering. This highly energy efficient and density optimized solution leaves headroom for more required virtualization power: It can be scaled gradually up to 4 appliances resulting in 16 nodes. The entire configuration then would consist of 3.1 TB memory, 32x 10 Gbit/s Ethernet connectors, and 58 TB storage capacity, to host 400 server virtual machines or 1.000 desktop virtual machines.



Software designed at the heartbeat of the market

EVO: RAIL delivers a hyper-converged infrastructure exclusively powered by VMware's proven suite of core products. The software is pre-installed onto the FUJITSU server PRIMERGY CX400 M1 and is comprised of:

- VMware EVO: RAIL™ Engine
- VMware vSphere® Enterprise Plus
- VMware Virtual SAN
- VMware vCenter Server™
- VMware vCenter Log Insight™

FUJITSU Integrated System PRIMEFLEX for VMware EVO: RAIL is optimized for easy deployment, configuration, and management. It thus is the fast track to a hyper-converged IT-infrastructure provided by strong partners with a leading feature-set.

<http://business-datacenter.global.fujitsu.com/vmware-evorail/>