



FUJITSU Integrated System PRIMEFLEX®

The Fast Track to a Reliable Data Center Infrastructure

The typical situation

The business demands for new ICT services, these require new infrastructures in the data center, but building a data center infrastructure is increasingly complex. Components such as servers, storage, network components and software need to be selected from a myriad of options, procured and integrated. Moreover, extensive tests are conducted, because the compatibility of the individual components is not always guaranteed. This in turn requires a deep knowledge of all components involved and an understanding of their interdependencies on each other, if you do all this on your own. Consequently, such a do-it-yourself approach would always present businesses with multiple risks.

The better way: FUJITSU Integrated System PRIMEFLEX

There is a better and more cost-effective solution: FUJITSU Integrated System PRIMEFLEX – a pre-defined, pre-integrated and pre-tested combination of data center components. It includes servers, storage, network connectivity and software.

All typical activities, such as infrastructure design, component integration and testing have been conducted before project start. The onsite activities are correspondingly confined to the deployment of the Integrated System and the integration into the production environment.

PRIMEFLEX systems reduce complexity, shorten time to production, minimize risk, and contribute to operational efficiency, better resource utilization and considerable cost savings.

PRIMEFLEX systems are built from best-in-class components, either own technologies, such as FUJITSU Server PRIMERGY, FUJITSU Server PRIMEQUEST and FUJITSU Storage ETERNUS which excel in performance, reliability and efficiency, ensuring optimal resource utilization by design, or from leading technology partners. They are based on proofs-of-concept, best practices and extensive project experience.

The PRIMEFLEX family includes classical converged systems as well as hyper-converged systems, because depending on the use case one or the other may be ideal. Fujitsu not only provides flexibility and choice in terms of architecture, but also in terms of virtualization and cloud management software (VMware, Microsoft, Nutanix), in terms of configurations and sizes, and in terms of financing options.

Fujitsu's Infrastructure Manager (ISM) is used for converged lifecycle management, while simplifying operations, increasing agility and reducing operational cost.

For data protection, dedicated appliances are available which deeply integrate with PRIMEFLEX.

The focus of PRIMEFLEX integrated systems is on virtualization and cloud infrastructures, analytics and SAP environments. All PRIMEFLEX systems seamlessly integrate with public cloud services, ensuring a consistent user experience across locations. In other words: PRIMEFLEX is a family of Hybrid IT Enabled Integrated Systems.

Delivery models

PRIMEFLEX systems are either pre-installed in the factory and therefore arrive ready-to-run, or they are delivered as reference architectures, which can be easily adapted according to customer-specific requirements. Reference architectures often include an onsite deployment service, meaning that they are also handed over to the customer ready-to-run.

For PRIMEFLEX reference architectures, comprehensive configuration and installation guidelines are available as a standard. Depending on the individual offering, onsite deployment by Fujitsu or a certified partner is a mandatory part of the integrated systems offering, meaning that reference architecture based systems will be handed over ready-to-run to the customer. Hence, you will gain similar benefits as with appliances, but with an additional flexibility advantage.

Flexible services options

PRIMEFLEX is not just about bundles of hardware and software; it is supplemented by flexible services options throughout all lifecycle phases. These services options encompass consulting, design onsite deployment, integration of the new infrastructure into the existing environment and migration services, lifecycle management and overall solution support at infrastructure level with a single point of contact. If you don't have the resources to operate the data center infrastructure, Fujitsu will provide Managed Data Center and / or Hosting Services for you. It is all about choice. Just select what you need.

Many years of experience

Fujitsu has a long track record in Integrated Systems. The first Integrated System was shipped already in 2002, long before the term of Integrated Systems was used in the market. Since then, the processes for Integrated Systems have been continuously optimized, be it in product management, manufacturing, quality assurance or support. Integration of new infrastructures into existing data center environments has been one of Fujitsu's core activities over decades. And the fact that Fujitsu operates more than 150 data centers in over 20 countries across the globe might be a sufficient proof for its data center service capabilities.

The many customer references and our proven track record for engineering quality and reliability may be also good reasons to take PRIMEFLEX into consideration.

Summary

Integrated Systems relieve you from all possible pain caused by building data center infrastructures on your own, because they help reduce complexity, time and risk, while increasing operational efficiency. PRIMEFLEX is the answer to many important use cases. Due to its attractive characteristics and add-ons, you will get all you need for fast time to value, and more.

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