



FUJITSU Integrated System PRIMEFLEX

Your Fast Track to Data Center Infrastructures

The typical situation

Building a data center infrastructure is increasingly complex. Components such as servers, storage, network and software need to be selected, 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 various interdependencies on each other. Consequently, such a do-it-yourself approach would always present businesses with multiple risks.

The new way: Integrated Systems

There is a better and more cost-effective solution: Using an integrated system reduces complexity, shortens time to production and minimizes risk, and contributes to operational efficiency, improved resource utilization and considerable cost savings. An Integrated System is a pre-defined, pre-integrated and pre-tested combination of data center components. It includes servers, storage, network connectivity and software. Withal, management software is mandatory, while virtualization software, databases, other middleware or even applications may be optionally included.

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

FUJITSU Integrated System PRIMEFLEX

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. Today, Fujitsu has got one of the broadest Integrated Systems portfolios in the market, its elements branded PRIMEFLEX in a consistent way. PRIMEFLEX includes ready-to-run systems and reference architectures, either for general purpose and purpose-built. In particular, PRIMEFLEX solutions are available for various areas, e.g. server and desktop virtualization, High Availability and Disaster Recovery, Private Cloud, HPC, Big Data and Analytics, as well as for SAP and Microsoft environments.

The key characteristics of all PRIMEFLEX offerings are the same. They are built from best-in-class components, either own technologies, as for instance our FUJITSU Server PRIMERGY and FUJITSU Storage ETERNUS, or from leading technology partners. They are based on proofs-of-concept, best practices and extensive project experience, and are proven in Fujitsu's cloud operation. The PRIMEFLEX line-up includes traditional integrated systems as well as hyper-converged systems.

Attractive add-ons for reference architectures

For all PRIMEFLEX reference architectures, comprehensive installation and configuration descriptions are available as a standard. On demand, reference architectures or adjusted reference architectures can even be pre-installed in one of Fujitsu's staging centers, thus combining the advantages of both, reference architectures and ready-to-run systems.

Professional Services

Although most of the typical activities have been done by Fujitsu before project start, some activities still need to be done onsite. Fujitsu provides PRIMEFLEX-related deployment services, either on demand or as an integral part of the Integrated System offering. The often more challenging task is the integration into the existing production environment, which is covered by Fujitsu's Integration Services that customers may order optionally. Additional services, for instance database migration, are also available on demand. Fujitsu's Consulting Services often represent a groundbreaking element for organizations at the beginning of any IT journey. Examples are assessments, IT Investment Decision Support, configuration and sizing support. Depending on the region and the respective local capabilities, services are either delivered by local consultants from Fujitsu or its partners, or by Fujitsu's international delivery team.