Empowering Business Innovation

FUJITSU Integrated System
PRIMEFLEX for SAP® HANA

FUJITSU

Click to start →

shaping tomorrow with you

SAP
Global Partner

Get everything out of data for your business
Simple and in real time

Business enterprises that are able to search for valuable information in the ever-growing ocean of data and navigate their businesses through extremely volatile and dynamic markets – and with a lead in knowledge – definitely have a competitive edge. A business data platform that provides data-based insights in real time makes this possible: **FUJITSU PRIMEFLEX for SAP HANA**.

Explore our SAP portfolio

Thanks to in-memory technology, **SAP HANA** is a game changer. The software can process even the largest volumes of transaction and analytic data within seconds. This provides enterprises with insights in real time, and they can considerably speed up decision-making while leveraging new ways of optimizing their planning, forecasting, pricing and business processes.

SAP HANA made simple: Fujitsu, your reliable partner
What potential can SAP HANA unlock in your business? And how can you make the most of it? Find answers to all your questions with the help of Fujitsu's in-depth expertise in SAP HANA infrastructure solutions. We serve as your trusted and expert partner with complete all-round service, ranging from planning to operations, along with optimized infrastructure solutions delivering the highest availability and security for business-critical and mission-critical scenarios – we are at your side and guide your business on its way to even greater innovativeness.

Fujitsu's end-to-end portfolio for SAP HANA supports all IT strategies

Hyper-converged Infrastructure

Converged Infrastructure

Cloud

Hybrid IT

How Fujitsu can help you

We provide SAP one-stop shopping so you can focus your full attention on generating value for your business. Our portfolio covers:

- Consulting for the optimization of database landscapes
- Design of customized concepts that leverage the latest technology
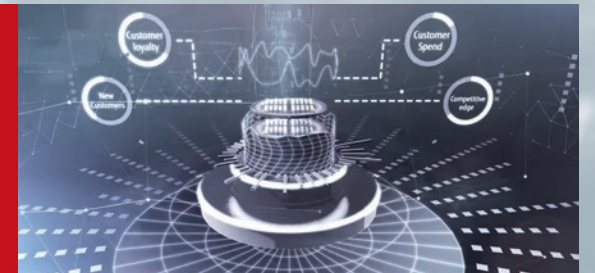- Easy deployment and operation of the SAP HANA platform

Boost your innovativeness with Fujitsu

- 40+ years in global partnership with SAP for technology, services and hosting
- Global SAP Competence Center in Walldorf/ Germany
- Partner of Hasso Plattner Institute (HPI) and founding member of HPI Future SOC Lab
- 2002: introduction of first integrated SAP infrastructure solution
- About 8,000 joint customer installations

- About 300 SAP service customers
- More than 3,500 global SAP specialists
- More than 2,500 SAP systems and 330,000+ licenses under our responsibility
- European SAP License and Maintenance Hub
- Joint development of cloud solutions
- Recognized leader in SAP HANA services[1]
- Extensive experience of relevance to SAP S/4

[1] ISG Provider Lens Germany 2019 – SAP HANA®-Services (https://isg-one.com/articles/neue-isg-studie-zum-markt-fur-sap-hana--services-in-deutschland-DE)

"Our business acts more effectively and efficiently as a result of moving to Fujitsu PRIMEFLEX for SAP HANA. We have the ability to create and analyze the information we need with total reliability."

Wassim Hamwi, Vice President Group IT Services Meydan Group

Case Study Meydan

Let's put the real "I" back into IT

Watch the video

Profit from maximum flexibility

Our portfolio has the right solution for every IT strategy. With full compatibility of all components, seamless integration into your existing IT landscape, short time-to-value as well as top performance and efficiency, we help you achieve your goals reliably.

Converged Infrastructure

FUJITSU PRIMEFLEX for SAP HANA is deployed as an appliance or within TDI projects. **Single-node (scale-up) solutions** feature highly scalable SAP-validated ready-to-run appliances that are easy to implement and operate in enterprise IT environments. **Multi-node (scale-out) solutions** are based on reference architectures that combine our infrastructure expertise with the security of SAP-certified components. Your benefit: You have maximum flexibility in designing your solution, and you get a SAP HANA infrastructure that completely satisfies your demands in terms of performance, availability, security and maximum efficiency.

Hyper-converged Infrastructure

Fujitsu's HCI solutions for SAP HANA offer SAP-certified hyper-converged infrastructures with leading-edge hardware and virtualization from **VMware** or **Nutanix.** The turnkey integrated systems include all the hardware and software to simplify deployment. Based on powerful, energy-efficient PRIMERGY x86 servers, the solutions are easy to order, deploy, operate and scale, and they ensure fast time to production for your virtual infrastructure.

Cloud

Fujitsu Cloud Services for SAP Solutions give you the power to run SAP HANA in a world-class Fujitsu data center. We offer a private hosted environment for production as well as a public cloud-based service for development and test systems. Rely on the experience of one of the world's largest end-to-end cloud providers and a global SAP-certified provider of hosting and cloud services.

Hybrid IT

Fujitsu **Hybrid IT** seamlessly blends private, public and managed cloud solutions with existing on-premises IT to improve business agility, accessibility and deliver better business outcomes. We offer a cleverly architected and seamlessly integrated IT environment with a governance framework that can adapt and evolve with changing business needs.

Dubai Refreshment Company turned to FUJITSU Integrated System PRIMEFLEX for SAP HANA, running 12 SAP modules including SAP Fiori.

Case Study
Dubai Refreshment Company

Accelerate your digital transformation with the Fujitsu Co-Creation Program

Find out more

Leverage cutting-edge technologies

Complex, almost real-time data analysis improves forecasting accuracy and reduces risk, while also enhancing product and service quality as well as enabling comprehensive cost savings across business processes. Together with the right infrastructure, these benefits go hand in hand with more agile, efficient and future-proof IT operations.

To achieve this, Fujitsu's portfolio for SAP HANA provides you with the most powerful server and storage systems in the industry, not to mention the peace of mind of always being at the cutting edge of technology.

Take advantage of persistent memory

Persistent memory, for example, addresses a central vulnerability of in-memory databases – the fact that DRAM is not persistent. In practice, it takes a long time in SAP HANA installations to upload data to the server memory. In addition, there are high requirements for protection against data loss when the server is restarted. This is where persistent memory helps. Fujitsu is the first vendor to offer the new Intel® Optane™ DC Persistent Memory in its x86 server portfolio. The restart of the SAP HANA database can thus take place up to 12 times faster – and at a much lower cost than DRAM. The technology is fully certified for SAP HANA. Customers thus benefit, for example, from the fact that they can optimize the requirements of complex HANA scaling configurations with more memory capacity per server. They are also able to reduce expensive HANA system replication configurations in business-critical SAP systems.

Also ensure super-fast storage

Most SAP HANA systems require additional storage to host all data. A bottleneck typically occurs here because the data must first be loaded from the storage system to the server and then written back later. At this point, NetApp NVMe storage systems with NVMeoF protocol optimally complement PRIMERGY servers with persistent storage.

FUJITSU Server PRIMERGY RX4770 is an x86 system with four sockets that delivers outstanding performance, scalability and efficiency. This combination makes it an ideal platform for running business intelligence (BI) workloads and in-memory databases, as well as data-intensive applications.

Explore PRIMERGY

The **FUJITSU Server PRIMEQUEST Series** offers systems that are ideal for mission-critical applications. Thanks to their innovative and fault-tolerant system architecture, PRIMEQUEST systems offer mainframe reliability along with unrivaled performance and memory capacity – at prices comparable to those of x86 industry-standard systems.

Explore PRIMEQUEST

Based on the SAP HANA TDI approach, the **Fujitsu ETERNUS AF/DX Series** and the **NetApp FAS Series** serve as strategic storage options for complex single-node landscapes and multi-node configurations. Both storage options satisfy the highest demands in terms of performance, scalability and cost-effectiveness. When expanding a configuration to form a dual-site disasterresilient solution, the storage appliances also meet the most stringent demands for SAP HANA infrastructure availability.

Explore our storage portfolio

Make your IT strategy work without compromises

SAP customers no longer rely only on the 3-tier architecture, but also on hyper-converged infrastructures. In addition, the utilization of the cloud is increasingly becoming a matter of course. However, this will lead to challenges in the years to come because increasingly distributed hybrid IT landscapes will have to be managed reliably and efficiently. Fujitsu provides SAP HANA solutions that can be integrated optimally in your individual IT strategy and environment.

Optimize your existing SAP landscapes

Integrated systems from our PRIMEFLEX portfolio are best-practice solutions for simple, economical and future-proof SAP operation. They drastically reduce the complexity of today's SAP landscapes and adapt flexibly to new requirements. For example, PRIMEFLEX for SAP HANA offers a wide range of options to meet the highest requirements for high availability, DR, virtualization and backup/restore at any time.

Give your HCI strategy a boost

Increasingly, business enterprises are even considering moving mission-critical SAP workloads to hyper-converged infrastructures. Their goal is to significantly simplify the design of their data centers and achieve greater agility and scalability. SAP has therefore been certifying the components of HCI solutions for some time now. Fujitsu provides customers with two models for this purpose: In one case VMware vSAN is used, in the other Nutanix Enterprise Cloud. Perfect harmonization of hardware and software is ensured in both cases. And that's not all: For example, Fujitsu was one of the first manufacturers to receive SAP certification of a HCI based on VMware vSAN with a 4-socket PRIMERGY server, which is capable of using all 4 CPU sockets and the 6 TB of memory in the server when running SAP HANA. Customers can thus realize almost all SAP HANA application scenarios with the highest levels of efficiency.
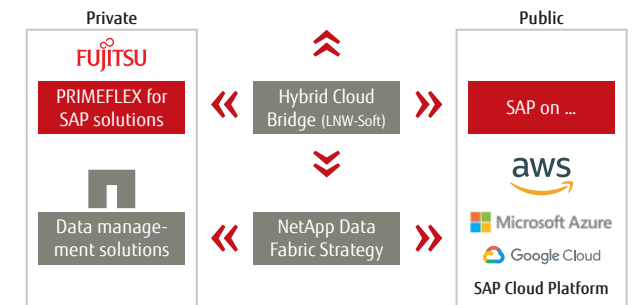
Easily build a hybrid SAP world

Hybrid IT is increasingly becoming the norm for SAP customers who use the cloud as a cost-efficient infrastructure for various purposes such as sandbox systems, development and testing, backup management, data mirroring or as a migration platform, e.g. for SAP S/4HANA. The more the cloud is integrated into the processes, the more one question arises: How can all SAP data be accessed, since it is distributed across the data center as well as the cloud? The NetApp Data Fabric and the FUJITSU Enterprise Service Catalog Manager (ESCM) provide the reliable bridge. NetApp Data Fabric manages the data, Hybrid Data Manager for SAP manages the applications, and ESCM manages all IT services in the hybrid environment.

Working with Fujitsu, AdvanSix transitioned to Linux®-based SAP HANA® on Microsoft Azure®

Case Study AdvanSix

FUJITSU Enterprise Service Catalog Manager (ESCM)

Private | Public

FUJITSU
PRIMEFLEX for SAP solutions

Hybrid Cloud Bridge (LNW-Soft)

SAP on ...

Data management solutions

NetApp Data Fabric Strategy

aws

Microsoft Azure

Google Cloud

SAP Cloud Platform

Seamlessly integrate your on-site installation and the cloud with Fujitsu's hybrid IT approach

Enhance your competitiveness with outstanding services

Further evolving application landscapes parallel to daily business operations is an enormous task. We can relieve you of this burden with our comprehensive expertise and global capabilities. This starts with PRIMEFLEX for SAP HANA, which provides you with pre-defined and pre-tested solutions that take care of time-consuming planning and testing tasks. With design, implementation and operation support, you can reduce your workload even more and have more time to focus on more important things.

Watch the video

Smart discovery
Preview the value of SAP HANA for your individual business by utilizing our BI consulting expertise or our SAP HANA Assessment Workshops. Tests and simulations with your own data in our remotely accessible Fujitsu SAP HANA Global Demo Center are another option.

Solid preparation
Identify the right infrastructure approach by leveraging Fujitsu **XpressWay** and **SystemInspection.** Benefit from extensive expertise and proven methodologies to confidently drive your digital transformation while ensuring that you are always in the best shape in every area of your business. This applies both to your IT architecture and to processes and systems.

Secure operation
Fujitsu maintenance and support services ensure trouble-free operations right from the start with the shortest possible downtimes. Automate routine tasks, mitigate risks, increase your flexibility and cut costs by leveraging SAP Hosting or Fujitsu Managed Services for SAP. Or rely on Fujitsu's cloud expertise for running new and existing SAP applications and SAP HANA in a world-class Fujitsu data center.

Smooth implementation
Profit from non-disruptive implementation and a fast track to business value with Fujitsu's professional database migration services plus SAP HANA deployment and data center integration services. Some examples:

- **PRIMEFLEX for SAP HANA Preload Service** ensures high-quality, standardized, pre-installed HANA nodes for easy customization of IP addresses and hostnames. You will receive a SAP HANA Preload Fact Sheet as a valuable source of information. With this service you save a lot of time and effort during the SAP HANA implementation phase, you minimize risks, and you have optimal documentation right from the start.
- **White Glove Services for SAP HANA on HCI** is a service package that includes all services up to the final tests. As a result, you get a ready-to-run environment including detailed documentation and a single point of contact for all service matters.
- **Services for a hybrid SAP world** is a comprehensive set of services that helps SAP customers address challenges such as transforming an existing SAP infrastructure without impacting business and seamlessly integrating SAP services into the cloud. The service includes Azure Workload Management as well as SAP Basis Operation and SAP Application Management.

"We chose Fujitsu because Fujitsu offered us the best package of experienced consultants, a very high commitment to our project results and a good price relationship."
Detlef Schuck, CIO SEW-EURODRIVE

Empower your innovativeness

Contact Fujitsu in your SAP infrastructure journey
www.fujitsu.com/global/microsite/sap-simplicity