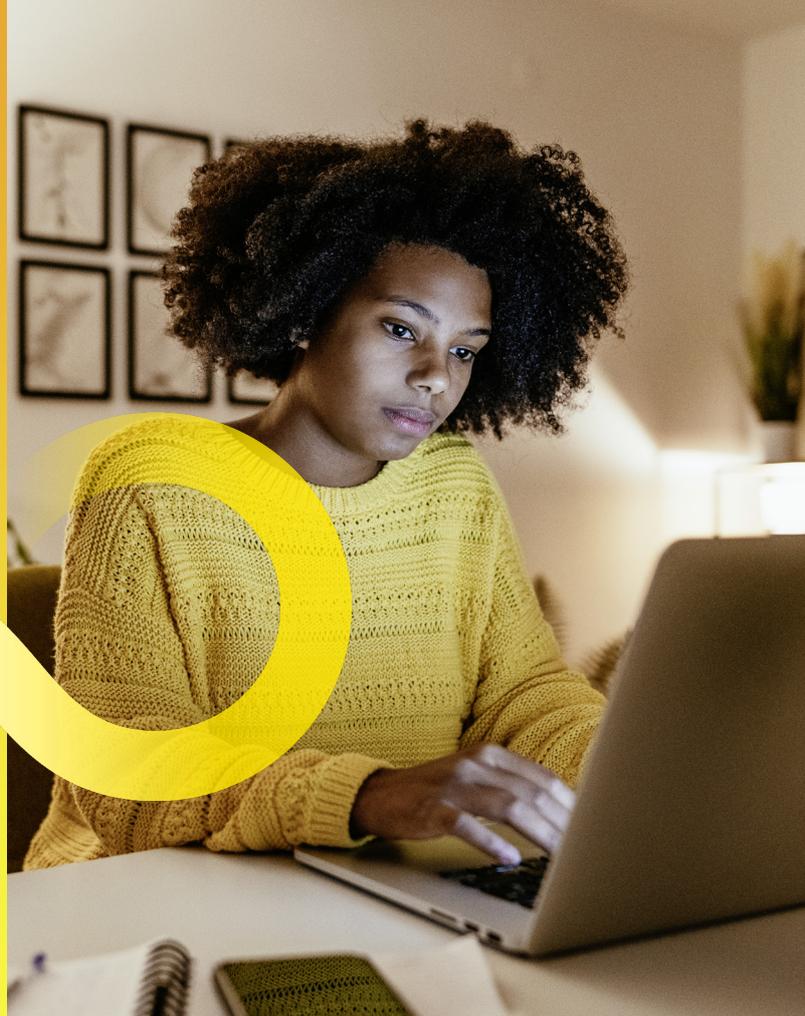


# Power Surge for SAP HANA® Data Management



## Fujitsu and NetApp™ for more speed and power with SAP HANA

SAP HANA offers compelling power as a data platform for digital business. With its single “view of truth” on transactional data, it enables effective predictive analytics for real-time decision-making. This performance takes huge computing power and fast storage – not least to upload data to the SAP HANA memory. And with cloud gaining in importance, users face the added challenge of orchestrating their data management across multiple locations. The physical infrastructure must be able to deliver speed and agility to installations that combine on-premises and cloud installations.

## Persistence pays off

SAP HANA relies on in-memory computing. But even with the most powerful servers and storage, it takes time to upload data into server memory. Persistent memory, which keeps in-memory data available even after a server reboot, is the ideal solution. With its portfolio of x86-based PRIMERGY servers and Intel® Optane™ DC persistent memory, Fujitsu is the first vendor to offer this technology. The technology has been certified for SAP HANA and excels through an overall world record on SAP BW Edition for SAP HANA Benchmark Version 3 in the 9.1 billion initial records category (as of 2019-04-02)\*.

## Superfast in-memory computing needs superfast storage

To upload data to server memory as quickly as possible and write data back faster than ever before, users need the fastest-ever storage technology: end-to-end NVMe technology. NetApp NVMe SSDs connected via NVMeoF protocol in the network with Fujitsu PRIMERGY servers deliver on this speed promise – without fail, every time. With the combination of the unified Data Fabric of NetApp storage and Fujitsu PRIMERGY servers running as part of a fully integrated Fujitsu PRIMEFLEX Integrated System for SAP, users gain offer seamless data management from edge to core to cloud.

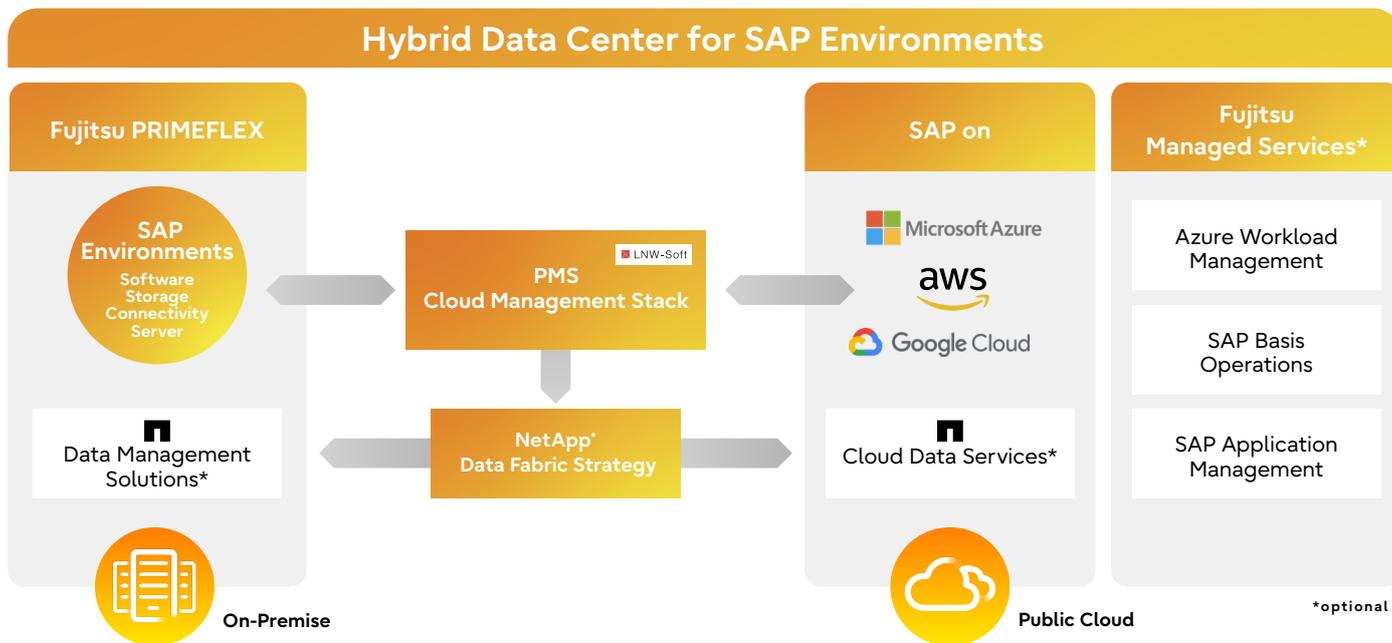
## Added NetApp power

NetApp is way more than just a place to store data: users also gain features such as comprehensive data protections, data copies on secondary storage, seamless cloud-integrated backup and flexible, granular synchronous replication.

# SAP HANA environments go hybrid

As SAP users begin using the cloud (initially perhaps as a sandbox for tests, keeping business-critical apps on the premises), they still need to access all their SAP data and apps from a single system, no matter where the data and apps are stored. Two components bring everything together, blending on-premises installations and the cloud into a seamless view:

- NetApp Data Fabric delivers secure, consistent data management wherever the data is located, and ensures data is transported efficiently to the point of use.
- Hybrid Data Manager for SAP manages the applications.



## Fujitsu Integrated Solutions for SAP Environments

Fujitsu offers integrated SAP solutions for both unstructured (analytical) and structured (business applications) data. Fujitsu PRIMEFLEX Integrated Systems reduce complexity, time and cost while increasing availability and performance.

### PRIMEFLEX for SAP HANA

- For SAP analytical environments
- Pre-tested and pre-loaded configurations based on certified components to run all SAP HANA apps
- Uses in-memory technology to process high volumes of data in real-time

### PRIMEFLEX for SAP Landscapes

- For SAP business applications
- Orchestrates the entire SAP landscape through a single shared operating system, and virtualized hardware and software
- Deploys SAP software components dynamically across physical/virtual resources

## Services for a hybrid SAP world

Transforming SAP infrastructure, introducing a new SAP version or new technology without disrupting normal operation is always a challenge. Fujitsu offers a comprehensive range of services – from Tech Advisory to App Management, Monitoring and Integration – to keep things as smooth and easy as possible. The Fujitsu SystemInspection Service for SAP solutions, for instance, provides in-depth analysis of the entire SAP environment, giving a clear view of current workloads, performance and resources, plus recommendations for optimizing SAP landscapes and raising the quality of their SAP services.

Learn more about Fujitsu and NetApp:  
[www.fujitsu.com/netapp](http://www.fujitsu.com/netapp)