FUJITSU | NetApp®

# Energize your SAP® data management

## SAP HANA® offers compelling power for your enterprise data!

**Single view of truth**
All transactional processing and analytics in memory

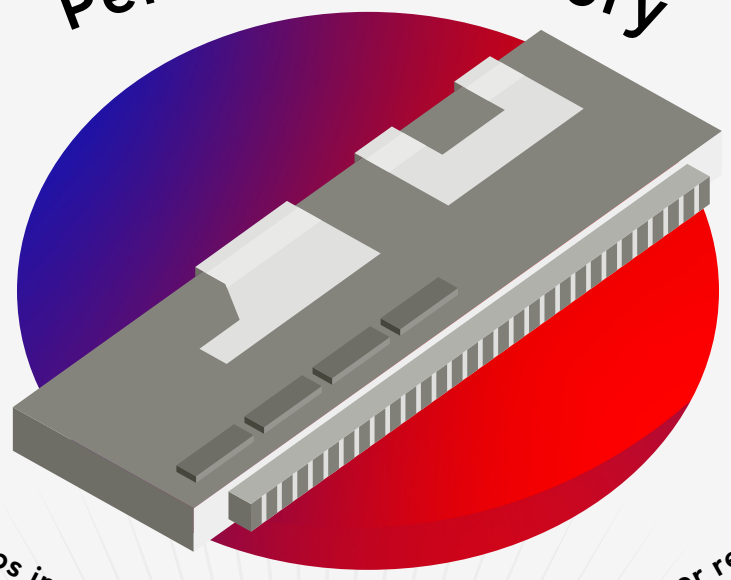
**All data**
immediately available from a single system

**Fast**
near real-time analytics

**In-memory computing provides this power.**
**But:** it takes time to upload data, even with powerful servers & storage

THE SOLUTION:

# Persistent memory



Keeps in-memory data available even after a server reboot

**Fujitsu has the platform for SAP HANA:**
x86-based PRIMERGY servers and
Intel® Optane™ DC persistent memory.

**Fujitsu is the first vendor to offer this technology**

**Fully certified**
for SAP HANA

**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)*

**Combined with fastest-ever storage technology**

**Fujitsu Server PRIMERGY**

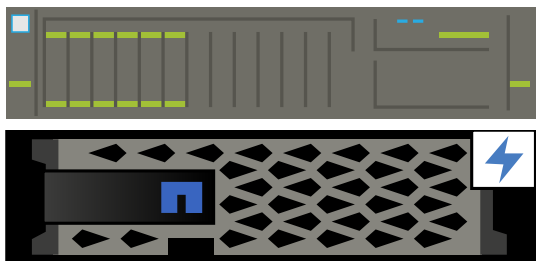
**End-to-end NVMe technology**

**NetApp AFF and FAS storage**

**Seamless data management**
from edge to core to cloud

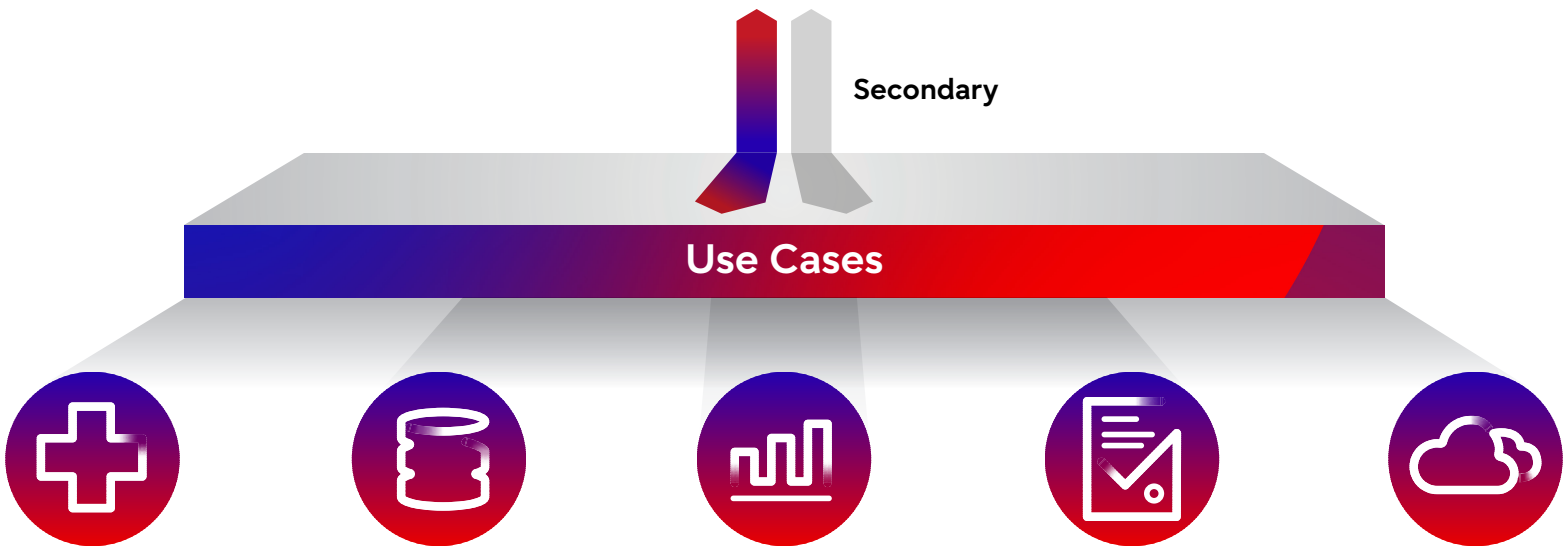
* 2019012: Fujitsu Server PRIMERGY RX4770 M5, SAP BW Edition for SAP HANA Benchmark Version 3, 3-tier, scale-up, 9.1 billion initial records, SAP NetWeaver 7.50, SUSE Linux Enterprise Server 12, SAP HANA 2.0, 25111 seconds runtime of last data set, 3478 query executions/h, 171 seconds total runtime of complex query phase (Intel Xeon Platinum 8280L processor, 4 procs, 112 cores, 224 threads), 1536 GB DRAM and 3072 GB Persistent Memory.
For more details see http://www.sap.com/benchmark.

# Added NetApp power



**SAP HANA**

**Built-in data protection**




- Data copies on secondary storage
- Seamless cloud-integrated backup
- Simple and common management across all systems

## Implement SAP with Fujitsu

End-to-end solutions built on NetApp Storage and Fujitsu server and services

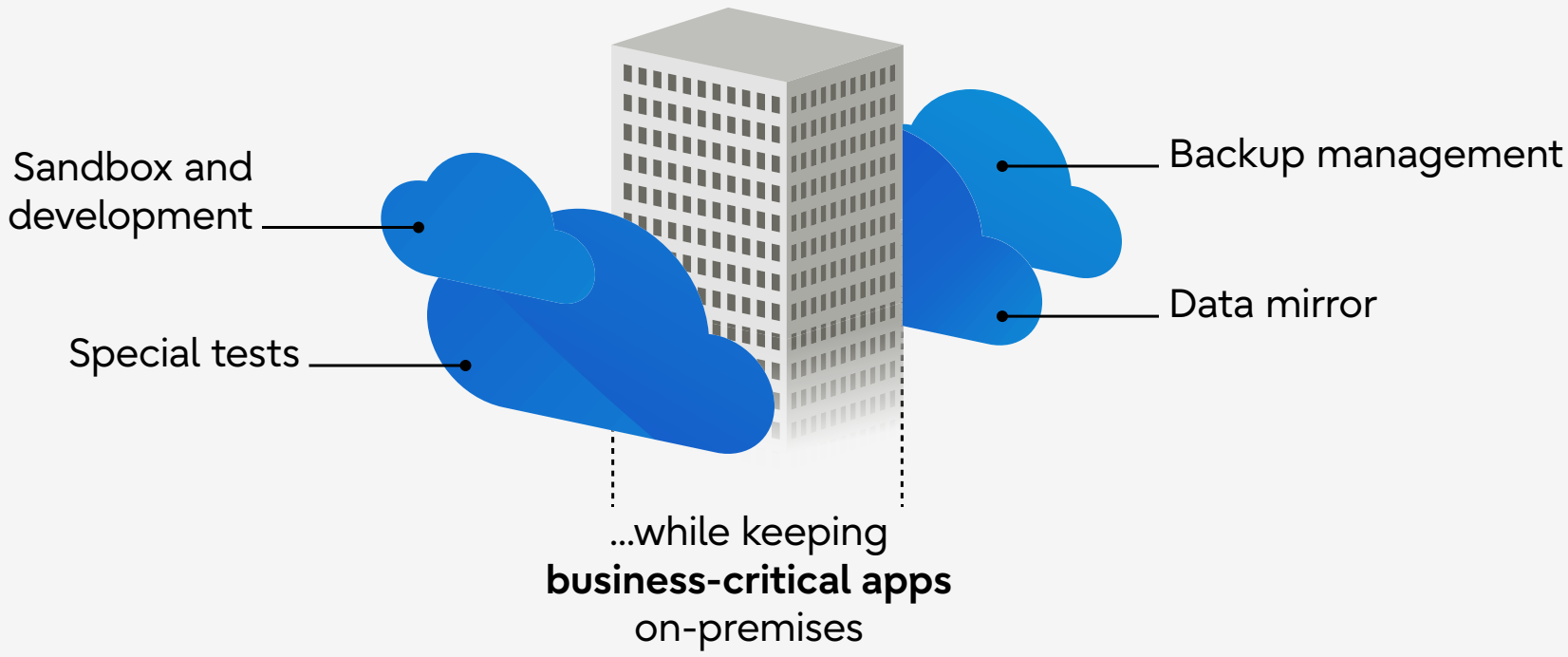
**PRIMEFLEX for SAP HANA**
- For SAP analytical environments

**PRIMEFLEX for SAP Landscapes**
- For SAP business applications

- Pre-tested and pre-loaded configurations to run all SAP HANA apps
- Uses in-memory technology
- Orchestrates entire SAP landscape
- Deploys SAP software components dynamically across physical/virtual resources

## Go hybrid with SAP HANA

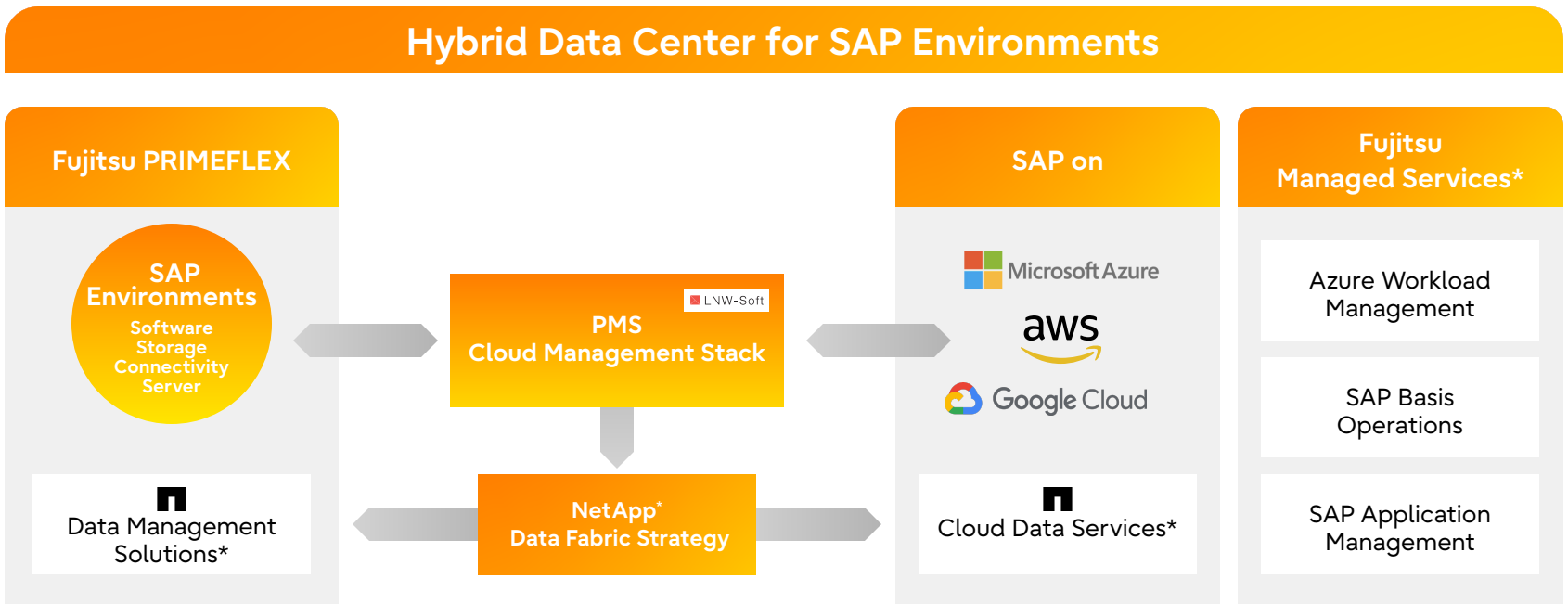
SAP users are moving to the cloud for:




## You can still create a single view in a hybrid environment

Two components bring everything together:

- **NetApp Data Fabric** – secure, consistent data management wherever data is located, & efficient transport to point of use
- **LNW-Soft PMS Cloud Bridge** manages SAP applications



On-Premise

Public Cloud

*optional

# Services for a hybrid SAP world

## Fujitsu Services

- Azure Workload Management
- SAP Basis Operations
- SAP Application Management

## Challenges

- Transform SAP infrastructure without disrupting the business
- Seamlessly integrate SAP services in the cloud
- Migrate smoothly to SAP S/4 HANA

## Fujitsu Services Suite

- Tech Advisory
- App Management
- Integration
- Monitoring
- SystemInspection Service for SAP solutions

Learn more about Fujitsu and NetApp:
**www.fujitsu.com/netapp**

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