

shaping tomorrow with you



# Simplify Business Continuity



## Fail-Safe Operation of SAP HANA Improve High Availability for your SAP HANA environment

Business enterprises make high demands on their SAP landscapes: The main reason for running SAP solutions is to speed up processes in real time, stimulating innovation and building a competitive advantage. Therefore, more and more customers worldwide explore and invest in in-memory technologies like SAP HANA and start their individual path by becoming a real-time data company.

Since 2011 SUSE, SAP and Fujitsu have been working jointly on launching and improving world-class SAP HANA systems. Together we are constantly working to improve the scalability and availability of SAP systems so that customers can grow their deployments to include multiple nodes and true big data environments. We innovate through partnership and develop solutions that deliver real business value.

Our joint mission is to find the most cost-efficient solution to increase the availability and SLAs (service-level agreements) of our customers' SAP HANA systems and deliver breakthrough innovations.

### WHY CONSIDER TALKING TO EXPERTS WHEN THINKING ABOUT THE OPERATION OF OUR YOUR MISSION-CRITICAL SAP HANA SYSTEMS?

With Fujitsu and SUSE at your side, you can be sure of having the right pre-defined SAP HANA infrastructure for your IT and business requirements. Our portfolio covers everything from the development platform and testing over the right infrastructure solution to global installations for mission-critical applications; services are available for all scenarios and projects of any dimension. We also focus our attention on your growth plans and IT strategy – with an eye on the SAP HANA platform – and ensure the full compatibility of all your components and seamless integration into your existing IT landscape. You can count on short time to value combined with top performance and efficiency. And your business will profit from maximum flexibility.

### Fujitsu KISS Report

- 84 % say simplification must cover all areas to create some impact (SAP applications, underlying infrastructure).
- 79% say pre-configured, tried-and-tested solutions and services are key to simplification.
- 59% are looking for knowledge and expertise delivered by third parties as Fujitsu and SUSE to start their SAP transformation
- 53% have as their main expectation to improve the quality of service for their SAP operation.
- 51% want to get out more out of the SAP systems – improved system availability (reduced planned and unplanned downtime)



**CUT COSTS, INCREASE HIGH AVAILABILITY – BUT HOW? WITH SUSE LINUX AND FUJITSU PRIMEFLEX SOLUTIONS FOR BUSINESS-CRITICAL AND MISSION-CRITICAL APPLICATIONS**

This industry-focused and community-powered approach with SUSE, SAP and Fujitsu results in breakthrough innovation and solutions that customers can rely on because they are a collaboration of the most innovative technology leaders worldwide in their core markets.

**SAP HANA SR AND SUSE LINUX ENTERPRISE HIGH AVAILABILITY EXTENSION CLUSTER**

Hana Single Box



**SUSE** **Fujitsu**

- SUSE Linux Enterprise Server, the recommended and supported operating system for use with SAP HANA, includes components of SUSE Linux Enterprise High Availability Extension, the most complete open source clustering solution. Proven in data centers around the world, SUSE Linux Enterprise High Availability Extension helps enterprises protect mission critical-workloads running on x86 servers.
- Using the high availability component of SUSE Linux Enterprise, including the new resource agents, customers can automate their system replication of SAP HANA to optimize database availability, especially with the memory pre-loading capabilities of SAP HANA.
- The integrated SUSE Linux Enterprise Server for SAP Applications includes these high availability capabilities at no additional charge.

- Based on Fujitsu’s long history and expertise with mission critical applications such as SAP you’ll get leading-edge solutions and services of highest quality, proven and tested in our technology labs. We combine best in-class infrastructure technology and services with market leading software to provide.
- FUJITSU PRIMEFLEX for SAP HANA single-node (scale-up) solutions, which are build up on our proven FUJITSU Server PRIMERGY and PRIME-QUEST portfolio, feature highly scalable SAP-validated appliances that are easy to implement and operate in enterprise IT environments.
- The SUSE Linux High Availability functionality, built into our PRIME-FLEX for SAP offering, helps to reduce risk due to hardware failure through automated system replication and optimized take-over time to SAP HANA memory preload.

**Industrialized services**

Our customized Fujitsu maintenance and support services ensure trouble-free operations right from the start to support all project phases optimally with the shortest possible downtimes. Our solutions are pre-defined so that you are not faced with time-consuming planning and testing tasks. 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.

**Did you know...**

- Fujitsu launched the first worldwide HANA appliance in 2011
- Fujitsu introduced the first multi-node and became a technology innovator
- SUSE Linux Enterprise for SAP Applications is the only operating system that is fully optimized for SAP solutions
- SUSE Linux Enterprise Server is a preferred Linux platform of SAP and ten thousands of SAP customers including thousands of SAP HANA customers
- SUSE Linux Enterprise is SAP’s strategic development platform and new HANA components and functions are available on Linux only

**Interested?** For detailed informations please contact our SAP Expert Team - expert.sap@ts.fujitsu.com.

- Whitepaper Mission Critical
- KISS Report
- SAP Video
- Fujitsu Integrated System PRIMEFLEX
- SUSE for SAP HANA
- Automate your SAP HANA System Replication Failover
- SUSE Linux Enterprise for SAP Applications
- SUSE Alliance Partners: SUSE + SAP

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