**SAP**insider

# Balance Credibility and Costs

Intelligent Combination of Disaster-Resilient Solutions and Development Environments Drives Business Innovation

**Andrea Voigt**
Senior Product Marketing Manager
Global Marketing Services and Solutions
Fujitsu

**Paul Mantey**
Global Technology Lead, Fujitsu NetApp

Since its introduction, SAP HANA has evolved from a side-by-side analytics and reporting tool to become the core of successful enterprises around the globe. As business executives continue to exploit the competitive advantages that in-memory computing delivers, availability of the platform becomes essential.

Many companies implement SAP Business Suite or SAP Business Warehouse (SAP BW) powered by SAP HANA to manage business-critical processes that require high performance and availability — trading with perishable goods, for instance. Such implementations need close collaboration between IT and the business to define a disaster recovery strategy based on serious risk assessment and business impact analysis. When it comes to putting that strategy into practice, IT departments first need to balance two major factors:

- **Credibility** — Assure business owners that IT is capable of implementing and executing a service that guarantees continuation of essential business processes during disaster events.

- **Costs** — Design the most effective approach toward high system availability, including the profitable use of failover site systems.

High-availability and disaster-resilient solutions are not "off-the-shelf" commodities. Beyond redundant components, they require orchestration, automation, and communication systems that ultimately culminate in multisite implementations. As such, they must be tailored for each individual organization and even for each individual system within a comprehensive IT landscape. To accomplish this, IT often turns to external partners to provide the appropriate technology and to help choose, plan, and implement the right approach.

Fujitsu and NetApp's unique solutions and capabilities ensure appropriate availability for SAP HANA implementations while keeping efficiency in mind. Let's take a closer look at some of these solutions.

## Avoid Unnecessary Downtime

While many companies already have development systems that are secured by solid components within server and storage systems, they often experience downtimes from several hours to even several days. By contrast, a productive SAP Business Suite powered by SAP HANA system, which is used to manage mission-critical processes, generally has a maximum downtime of a few minutes or less. The key differentiator is implementing a remotely located failover system that ensures business process continuity without incurring unacceptable data loss or downtime.

## Fujitsu PRIMEFLEX Solutions

Fujitsu and NetApp jointly provide the required expertise and pre-tested solutions that ensure the adequate level of availability for each organization, each SAP HANA system, or each application server. With proper setup and operational processes, customers can leverage our technology to ensure that failover systems are effectively used during normal operations, yet be prepared to immediately take over and continue essential business processes in the case of a disaster.

Fujitsu PRIMEFLEX for SAP HANA is a pre-defined and pre-tested infrastructure solution based on SAP-certified components that enables simplified, fast, and secure implementation and operation of the SAP HANA platform. This solution can be seamlessly integrated with Fujitsu PRIMEFLEX for SAP landscapes, which provides a unique operational concept for effectively running SAP applications and databases in businesses of all sizes and in all types of industries. The end-to-end virtualization of servers, storage, networks, and application services creates a straightforward, flexible environment for managing resources and workloads. By properly orchestrating and automating failover processes, Fujitsu's FlexFrame Orchestrator software, a core component of PRIMEFLEX for SAP landscapes, provides the basis for effective high