



SOLUTION BRIEF

Modernize and Simplify Your SAP HANA Digital Transformation Journey



Imagine being able to confidently and easily deploy SAP HANA to accelerate your digital business transformation.

Digital transformation creates challenges for IT organizations. The need to support distributed organizations and pull information from a wide variety of sources can challenge your organization's efficiency and effectiveness as well as your budget. Add to this your team's responsibility to maintain a powerful and complex environment such as SAP HANA and SAP applications and these challenges become magnified.

An ideal solution would be to run SAP HANA on infrastructure that is simple, is reliable, has excellent performance, can help reduce your total cost of ownership (TCO), and can speed your return on investment (ROI). Such a solution would provide a consistent, policy-based framework that optimizes SAP HANA performance. *FlashStack™* for SAP HANA Tailored Datacenter Integration (TDI) solution with market-leading Cisco UCS® servers and networking, coupled with Pure Storage® all-flash arrays is the answer. It provides an easy-to-manage infrastructure that simplifies your SAP HANA journey.

SIMPLICITY AND RELIABILITY

Management integrated and no unplanned storage downtime

EXCELLENT PERFORMANCE

3-minute SAP HANA reload times and fast deployment

REDUCED COSTS AND RAPID ROI

46 percent lower total cost of ownership (TCO) compared to traditional solutions and 2.3 times more data reduction than SAP HANA alone

REDUCED RISK

Pure has the industry's happiest customers (record NPS of 86.6) and has been the Garner MQ storage leader for 5 straight years





“I can describe
FlashStack
with one word:
simple.”

BRAD WILTON

Director of IT, Valley Proteins

[WATCH VIDEO](#)

FLASHSTACK DELIVERS

FlashStack for SAP HANA TDI is a converged infrastructure solution that brings the benefits of *Cisco Unified Computing System™* (Cisco UCS) and the *Pure Storage FlashArray™* all-flash storage platform to your SAP landscape. Built on best-in-class components from Cisco and Pure Storage (Figure 1), FlashStack is faster and more flexible, simple, and efficient than legacy converged infrastructure solutions based on traditional spinning disks. FlashStack is designed to increase IT responsiveness to business demands while reducing the overall cost of computing. FlashStack components are preintegrated to help you achieve timely, repeatable, and consistent deployments. FlashStack leverages the latest technologies to simplify your SAP HANA journey and to redefine the way IT delivers value with:

- **BETTER PERFORMANCE** with 3-minute SAP HANA reload times and up to 2.3-times more data reduction than SAP HANA alone (as tested by Cisco and Pure).

- **FASTER TIME TO DEPLOY** with fully tested, validated, and documented solutions and reduced management complexity.
- **46 PERCENT LOWER TCO** due to less infrastructure, staff time, and unplanned downtime costs, according to IDC.
- **EASILY SCALABLE WITHOUT DISRUPTION** with infrastructure that grows as your SAP HANA data does, including seamless scalability on-demand, both on-premises and in the hybrid cloud.
- **FLEXIBILITY** to support your current and future intensive SAP and non-SAP workloads including big data and real-time analytics.
- **INTEGRATED, HOLISTIC** system and data management across your entire infrastructure whether on-premises, in a cloud, or in a hybrid combination of both.
- **CISCO OPEN PAY AND PURE STORAGE EVERGREEN™** subscription pricing allows you to move infrastructure costs to an on-demand, consumption-



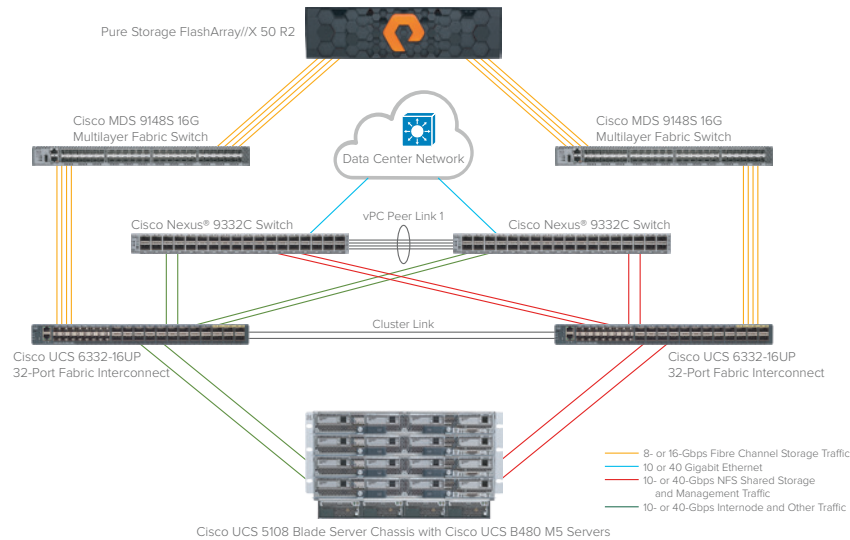


FIGURE 1 FlashStack for SAP HANA TDI configuration

based pricing model with cloudlike flexibility, even on premises. Infrastructure never goes out of date and you never run short of capacity.

- **SIX-NINES STORAGE AVAILABILITY** to reduce operational risk, validated by IDC. The storage has six-nines availability with no single point of failure and nondisruptive operations.
- **NETWORK SECURITY** and operational efficiency with policy-based networking that doesn't require a network engineer to understand and implement. Secure east-west

traffic between virtual machines is protected by policies.

- **ENHANCED BUSINESS CONTINUITY** with active-active disaster recovery across multiple data centers.
- **REDUCED RISK** with Cisco Validated Designs that provide recipe-like deployment instructions and document best practices and architectures to help ensure fast and optimized SAP HANA configurations.

SIMPLIFIED AND AUTOMATED IT

FlashStack offers simplified infrastructure management and automation with its

embedded role- and policy-based management that extends seamlessly across on-premises and cloud landscapes. Our software-based management and automation is included with FlashStack and is 100 percent programmable so that identity, configuration, and connectivity information can be applied to servers and storage. This allows you to transform your infrastructure as needed. And the flexible management allows you to deploy your infrastructure in minutes rather than days.





PURE STORAGE CAT FOR SAP

The Pure Storage Copy Automation Tool (CAT) for SAP automates time-consuming and tedious copy, clone, and refresh tasks reducing the time required from hours to minutes. This automation also eliminates the mistakes often associated with manual tasks and frees valuable resources to focus on innovation.

FLASHSTACK CONTINUES TO DELIVER

Cisco and Pure Storage deliver an all-flash converged infrastructure that is known for its performance and operational efficiency. As you optimize operations and modernize applications, you need infrastructure solutions that are highly available, scale on demand, and provide security for your SAP HANA and SAP applications. These solutions must be easy to manage, removing complexity rather than adding to it. The FlashStack for SAP HANA TDI solution is the solution you need to modernize your operational model so that you can stay ahead of business demands.



FOR MORE INFORMATION

- For more information on FlashStack for SAP HANA TDI, read the *Cisco Validated Design*
- For more information on FlashStack, visit www.flashstack.com

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