



SOLUTION BRIEF

Modernize and Simplify Your SAP HANA Migration with FlashStack™



WHY IS FLASHSTACK THE BEST CONVERGED INFRASTRUCTURE FOR SAP?

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™ all-flash storage platform to your SAP landscape.

Built on best-in-class components from Cisco and Pure Storage, 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 pre-integrated to help you achieve timely, repeatable, and consistent deployments.

HANA-OPTIMIZED

*Improve HANA performance
while lowering HANA TCO*

SIMPLICITY WITH SCALABILITY

*Simplicity of an appliance
with the scalability of the cloud*

BEST-IN-BREED INFRASTRUCTURE FOR SAP

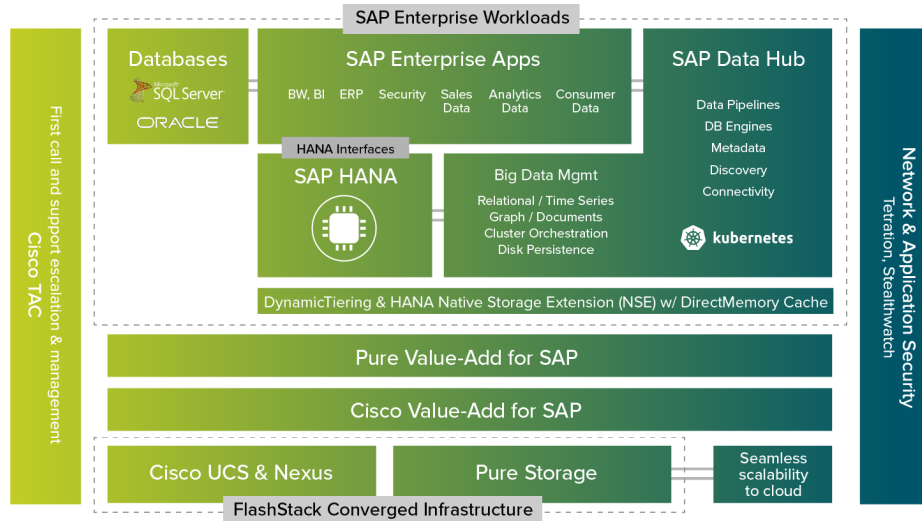
*Supported by a full suite of SAP
management, performance,
and cybersecurity software*

THE SIMPLICITY OF AN APPLIANCE WITH CLOUD-READY SCALABILITY

FlashStack combines the simplicity of an SAP appliance with the scalability and flexibility of an SAP TDI solution—from on-premise to the cloud, your infrastructure investment is protected and re-usable as needed.



MODERNIZE SAP HANA WITH FLASHSTACK



Pure and Cisco ensure deployment simplicity and success with our jointly engineered CVDs (Cisco Validated Designs). CVDs are engineering-developed, pre-tested, recipes for successful deployments of complex environments, reducing the Risk and Cost of SAP and SAP HANA installations.

Pure and Cisco have also invested significantly in co-innovation for mission-critical application environments—more so than other SAP converged infrastructure vendors. Our Innovations for SAP environments include:

PURE VALUE-ADD TO FLASHSTACK

- ActiveCluster™ and Purity Protect for SAP: Seamless management, backup, restore, and recovery, across dispersed systems with almost zero performance penalty.
- Cloud Block Store™ and CloudSnap™: Simplifies hybrid cloud infrastructure and backup and restore with high performance and low latency, even into the Cloud.
- Open APIs and Snapshot automation. Some customers

save up to 90% of the time it takes for common SAP Copy, Clone, and Refresh functions, freeing up expensive BASIS resources to focus on Innovation!

- Dynamic Tiering and NSE: Reduce license costs of HANA by segmenting data and only paying for relevant in-memory HANA capacity. But mitigate latency with DirectMemory Cache—90% of the performance at 65% of the cost of everything in memory.



- Superior Data Reduction: Reduces latency and improves performance of mission critical data processing. Allows customers to save additional money on HANA licenses due to data compression.
- Pure: Storage-as-a-Service subscriptions for predictable scalability. Helps customers move to OPEX models for SAP Storage Infrastructure and eliminate SAP capacity planning uncertainty.

CISCO VALUE-ADD TO FLASHSTACK

- Cisco UCS compute: Policy-based infrastructure for cloud-like flexibility.
- Cisco Application Centric Infrastructure (ACI): Automates deployment, orchestration & mgmt.
- Cisco Tetration: Comprehensive workload-protection capability and unprecedented insights across multiclouds.
- Cisco Intersight: Cloud-based IT Operations Management simplifies SAP environments, making them more efficient.
- Cisco Workload Optimization Manager (CWOM): (aka: Turbonomic) Scales resources up & down, on-prem & in

clouds, based on changing demand, assuring workload performance.

- AppDynamics: The only APM solution with ABAP code-level SAP visibility & business transaction monitoring.
- Cybersecurity: Award-winning suite protects SAP data center and network, on-premises and in the cloud, from intrusions, viruses, malware, and ransomware.
- Cisco Container Platform (CCP) with FlashStack: Containerized big data workloads with SAP Data Hub, running seamlessly in hybrid clouds.
- Cisco OpenPay: Consumption-based financing model for UCS compute (i.e., pay-as-you-go).

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