

PURE STORAGE FOR SAP® SOLUTIONS

Simple, fast deployment of 100% NVMe Express® (NVMe™) all-flash infrastructure for SAP environments



ACCELERATE YOUR ERP PROCESSES AND IMPROVE BUSINESS INSIGHT

The deployment of [SAP](#) infrastructure can be complex, time consuming, and costly. Existing storage solutions are based on old, slow, inefficient disk storage, or on non-optimized hybrid storage systems. The resulting architectures are too expensive, suffer from poor performance, and/or have significant downtime windows — making them unsuitable for the consolidation of business-critical applications and databases. Slow transactions — often the direct result of slow disk-based storage — mean slower end-user experiences, productivity loss, and negative impact to revenue across OLTP, data warehouse, business intelligence, and analytics workloads.

There's a better way: running business-critical applications and databases on the 100%-native NVMe all-flash Pure Data-Centric Architecture. All-flash provides immediate and obvious performance transformation while introducing a range of operational, management, and disaster-recovery benefits.



ACCELERATE BUSINESS APPS

Increase revenue and productivity



DRIVE SIMPLICITY AND AGILITY

Reduce complexity and make IT more agile



LOWER INFRASTRUCTURE COSTS

Reduce storage costs by 50% and consolidate applications, workloads, data types, and environments⁴

HIGH PERFORMANCE AND SCALABLE

- Achieve consistent sub-millisecond latency and eliminate performance bottlenecks
- Maintain and protect application workload performance with Pure Storage quality of service (QoS)
- Get a software-defined architecture that's modular, stateless, scalable, field serviceable, and field upgradable without disruption

OPERATIONAL SIMPLICITY AND SPEED

- Automate 75% of [SAP copy](#) functionality²
- Get 10x faster performance for SAP than with traditional relational databases²
- Get data reduction of 4x for SAP solutions and of 1.9 to 2.3x on top of what the SAP HANA® database does alone²
- Achieve faster deployment time compared to hard-disk drive storage²

ENTERPRISE-GRADE

- Realize six-nines — 99.9999% — availability with the Pure Storage® FlashArray family¹
- Upgrade and expand non-disruptively with redundant components
- Enjoy cloud-based management and predictive support and analytics with Pure1® services
- Protect data with built-in, always-on data-storage security

ECONOMICAL

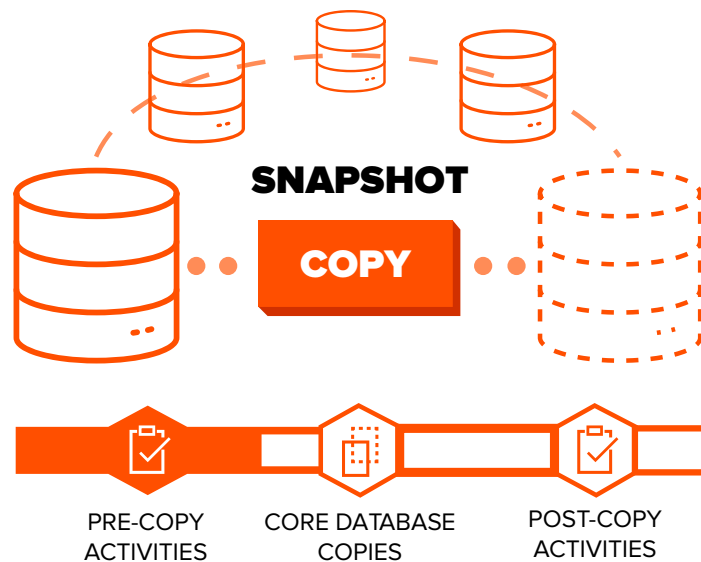
- Reduce the time and cost of copy, clone, and refresh activities by 80–90%²
- Achieve an average 5:1 data reduction to reduce data and hardware needs for a smaller footprint and lower TCO³
- Deploy once and upgrade as needed without forklift upgrades or added costs with the Evergreen™ Storage model

SAP LANDSCAPES, DRAMATICALLY SIMPLIFIED

SAP SYSTEM COPY

Full [SAP system copies](#) can be a grueling experience for SAP system administrators, who have to spend considerable amounts of time and effort prepping the environment and following complicated procedures to ensure that the backup process is carried out with minimum disruption to the business and in accordance with best practices.

The Pure Storage Copy Automation Tool (CAT) for SAP provides an end-to-end integrated process to copy, clone, and refresh SAP systems. The tool automates roughly 75% of SAP copy functionality without any setup or configuration.² And the time saved can equal an 80 to 90% reduction in annual costs.² The tool increases the speed and efficiency of performing a homogeneous system copy for an SAP ERP system. Even when data volumes are large, the Pure Storage CAT for SAP makes copies virtually instantaneously, which accelerates the process of system copy and database refresh and saves hours of SAP Basis consultant time. Admins can immediately start working on follow-up activities and running the BDLS on the target system.



SAP HANA SNAPSHOTS

Enterprises have identified the [SAP HANA](#) platform as a key technology that will allow them to both boost performance and simplify their existing SAP environments. But even with the SAP HANA platform, deploying and managing an SAP environment is not a trivial undertaking. SAP solutions tend to have stringent performance, business continuity, and backup/recovery requirements.

Pure Storage solutions help simplify the backup process for SAP HANA environments through unique snapshot capabilities. Pure Storage snapshots are nearly instantaneous and are space efficient, allowing system administrators to speed up the backup/recovery process with minimal effect on production environments.

¹ Pure Storage. "Pure Storage Introduces Petabyte-Scale Flash Storage for Cloud IT." October 2016.

www.purestorage.com/company/news-and-events/press/ps_introduce_petabyte_scale_flash_storage_for_cloud.html.

² Based on internal Pure Storage estimations and on 10 refresh cycles per year and the reduction of copy/clone from five days to one day.

³ Pure Storage. "What Is Data Reduction?" www.purestorage.com/resources/glossary/data-reduction.html.

⁴ Pure Storage. Evergreen Storage model webpage. www.purestorage.com/why-pure/evergreen.html.