

Automated, Efficient Data Delivery for SAP

Reduce SAP HANA infrastructure costs by 70%

Overview

SAP customers face a looming deadline to transition to S/4HANA, a system promising improved performance and real-time data management. Customers migrating to S/4HANA must balance these benefits against increased costs, including those driven by dramatically higher compute and storage requirements for in-memory HANA databases. The Delphix DevOps Data Platform offers efficient data delivery for SAP to reduce infrastructure costs by up to 70%.

Use Right-Sized, Space-Efficient Test Data to Instantly Reduce Costs

Delphix automatically delivers data into environments used for development, testing, integration, sandboxing, and training—non-production environments that consume the vast majority of infrastructure in an SAP landscape. Rather than making and moving full, physical copies for non-production HANA databases, Delphix enables SAP teams to use subsetting, virtual data copies. Using right-sized, virtual datasets—for example, small subsets for early stage testing—enterprises can dramatically curb requirements for both RAM and disk storage. This lowers cost profiles for on-prem data center infrastructure and instantly reduces cloud expenses for businesses running non-production workloads in AWS, Microsoft Azure, or Google Cloud Platform.

How It Works: Automatically and Efficiently Deliver SAP Data in Three Steps

1. Sync with SAP source data

Delphix non-disruptively syncs with the production HANA database or a backup of production, capturing a continuous record of changes into an immutable data store.

2. Identify and subset key data

Next, Delphix identifies the largest data tables using built-in HANA reporting, and iteratively subsets them to create compact datasets for non-production use cases. Subsetting preserves master data and referential integrity, while using markers such as posting dates, company codes, fiscal year, and other selection criteria to drop old data or non-essential data fields.

3. Provision virtual data copies

Finally, Delphix automatically delivers subsetting, virtualized data copies to an unlimited number of non-production environments in just minutes. Teams can easily size the copy to match the use case, for example smaller subsets for unit testing with larger subsets for integration or UAT. Using subsetting data means teams can allocate a significantly smaller amount of RAM to HANA databases, while data virtualization reduces storage requirements from terabytes to gigabytes.

The SAP HANA logo is displayed on a blue banner. The word 'SAP' is in white on a blue background, and 'HANA' is in yellow on a white background.A blue clipboard icon with a white checklist. The checklist items are: ✓ GDPR, ✓ CCPA, ✓ PIPL, ✓ PCI, and ✓ SOX.

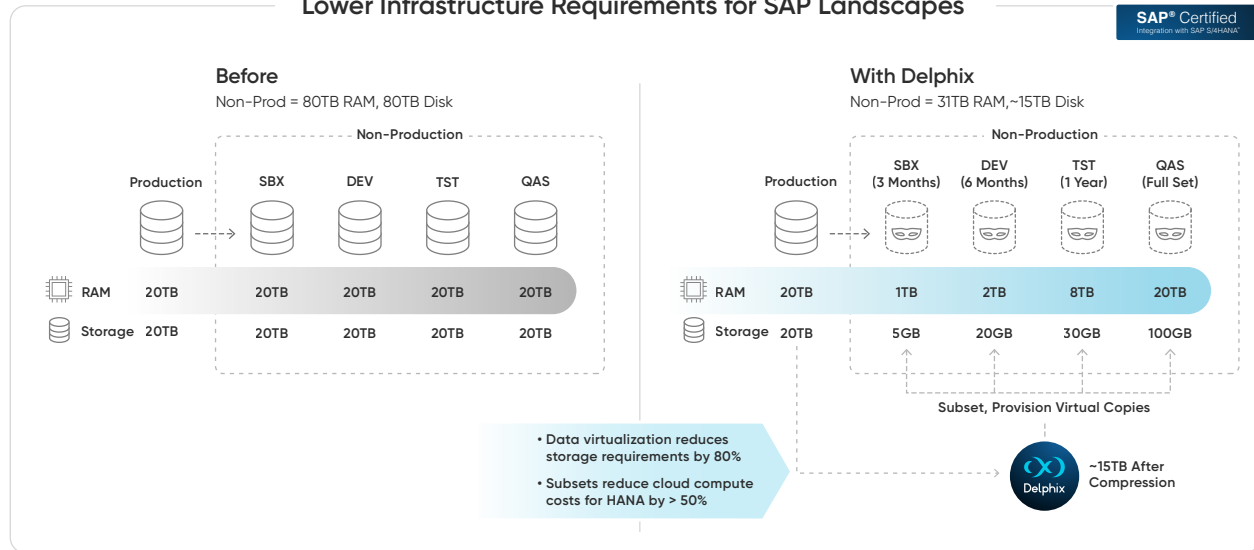
- ✓ GDPR
- ✓ CCPA
- ✓ PIPL
- ✓ PCI
- ✓ SOX

Delphix Key Capabilities

- » **Reduced compute and storage costs**
Intelligent SAP data subsetting and virtualization decreases RAM and disk storage requirements.
- » **Instant cloud savings**
Immediately lower recurring cloud costs for AWS, Azure, or GCP resources.
- » **Fast, quality SAP releases**
Automated data delivery into flexible SAP landscapes improves development speed and quality.

Lower Infrastructure Requirements for SAP Landscapes

SAP® Certified
Integration with SAP S/4HANA



Feature Overview

- » **Data subsetting**
Reduce data volumes to save infrastructure costs
- » **Quality data for development, testing**
Create referentially-intact subsets while preserving master data and other key fields
- » **Version control**
Maintain multiple versions of subsetting data to match the right data to the right use case
- » **Data virtualization**
Use virtual copies of SAP data to eliminate disk storage requirements
- » **Automated data delivery**
Eliminate manual steps for data provisioning and refresh to accelerate SAP development
- » **Multicloud solution**
Efficient data delivery cloud or on premises, or across hybrid cloud architectures
- » **Data scrambling**
Optionally, apply scrambling to subsets for compliance with data privacy or industry laws such as GDPR or CCPA while preserving referential integrity across SAP and non-SAP apps
- » **N+many SAP landscape**
Cost-efficient data enables teams to transition from a rigid N+1 landscape to parallelized development across multiple, parallel project lines



Delphix is the industry leader for DevOps test data management.

Businesses need to transform application delivery but struggle to balance speed with data security and compliance. Our DevOps Data Platform automates data security, while rapidly deploying test data to accelerate application releases. With Delphix, customers modernize applications, adopt multicloud, achieve CI/CD, and recover from downtime events such as ransomware up to 2x faster.

Leading companies, including Choice Hotels, Banco Carrefour, and Fannie Mae, use Delphix to accelerate digital transformation and enable zero trust data management. Visit us at www.delphix.com.

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