

SharePlex™ for SAP®

Database replication and near-real-time data integration across SAP environments

Easily optimize the performance and availability of your SAP infrastructures with SharePlex for SAP. This powerful solution replicates and integrates data in near real time. SharePlex also makes it simple to minimize downtime and eliminate risks during migrations — maintaining high availability, with nearly zero impact on the source system. Using SharePlex to prevent downtime results in significant cost savings. And that’s just one of the many reasons why SharePlex is the world’s leading high-performance replication solution for critical data availability.

With log-based replication technology, SharePlex provides data integrity without impacting or changing the live source application. It also supports replication

of data types, such as LONG columns and LOBs commonly found in SAP applications. This network-efficient, highly configurable solution solves a wide range of mission-critical availability challenges. Because unlike other replication tools, SharePlex employs a streaming process outside the database, minimizing the impact on database performance and network bandwidth, and ensuring scalability and availability.

ZeroIMPACT migrations

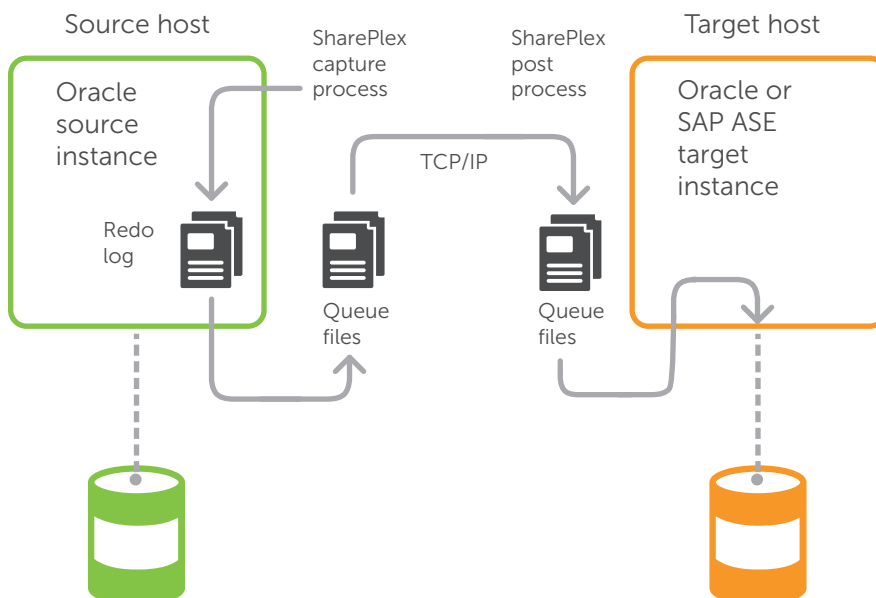
SharePlex supports replication of all SAP data types. Whether you’re upgrading a legacy platform, migrating to a new platform or moving to the cloud, SharePlex enables you to affordably evolve and modernize your SAP infrastructure. We provide ZeroIMPACT

“Dell ZeroIMPACT Migration will enable customers of SAP Business Suite to take advantage of the great TCO and performance available with SAP Sybase ASE to quickly validate and then migrate to an all-SAP solution with virtually no downtime or disruption to their production systems that run SAP Business Suite.”

Peter Thawley, VP of Global Database Solutions, SAP

Benefits:

- Replicates databases in near real time.
- Complements the SAP migration process.
- Generates low overhead and does not change live applications.
- Offers configurability for highly customized implementations.
- Helps ensure high availability and disaster recovery of mission-critical Oracle systems during migrations.
- Optimizes operational reporting.
- Provides the first database replication solution endorsed by SAP.



Gain control over the flow of data through queues. You can stop data on the target from being posted or applied to the target database.

System requirements

Operating systems

Unix

Linux

Windows

Source database

Oracle

Target database

Oracle

SAP ASE

Hadoop

Services

Dell ZeroIMPACT Migration Services for SAP.

See the Installation and Demonstration Guide for additional requirements.

migration services for SAP applications during transitions to contemporary environments. This platform-agnostic solution provides replication for UNIX®, Linux® or Windows® systems. The service also supports Oracle®-to-Oracle and Oracle-to-SAP Adaptive Server Enterprise (ASE) migrations.

During a ZeroIMPACT migration, the current production system continues operations as usual, enabling users to interact with the mission-critical system and maintain business continuity throughout the process (see figure). Next, the new production system is established with the updated SAP applications and your preferred database. Then our consultants deploy SharePlex, which uses change data capture replication to track modifications to the current production database, allowing for greater accuracy as well as high-performance migration.

Next, the current production database is cloned on a staging system while the current production system continues to run. The newly cloned database is imported from the staging system to the new production system. Once the new production system has been instantiated, SharePlex reconciles and syncs any database changes made during the migration process to the new production database. Finally, users are switched to the new production system, without any interruption to the business.

Offload operational reporting and downstream decision-support systems

With SharePlex, you get a reliable method for ensuring data accessibility and accuracy — without negatively

affecting system performance. Our revolutionary log-based Oracle replication solution, maintains a near-real-time copy — complete or a subset — of your Oracle data in a live reporting instance. This effectively offloads operational reporting and downstream decision-support systems away from production Online Transaction Processing (OLTP) systems. This improves application performance and availability while solving compliance and information governance challenges. The always up-to-date secondary systems become an optimized Business Warehouse (BW) or Business Warehouse Analytics (BWA) platform, available for user queries and archiving activities. This eliminates time-consuming and resource-intensive data extracts that would normally occur during quiet times or system downtime.

Only SharePlex lets you quickly and affordably evolve your SAP infrastructure. It offers flexible support between systems, including Unix to Linux, and Oracle, SAP ASE or Hadoop®. SharePlex empowers you to instantly explore, augment and analyze all data in near real time without affecting OLTP performance.

About Dell Software

Dell Software helps customers unlock greater potential through the power of technology—delivering scalable, affordable and simple-to-use solutions that simplify IT and mitigate risk. This software, when combined with Dell hardware and services, drives unmatched efficiency and productivity to accelerate business results. www.dellsoftware.com.

