

Real-Time Data Replication Meets the Data Movement Demands of Your Enterprise

Transactional Data Movement for Data Distribution, Reporting Offload, and Active Disaster Recovery

Today's enterprise supports a complex, ever-growing data environment that often includes incompatible systems and data schemas. With SAP® Replication Server®, your **data is always where you need it to be**. You can:

- Distribute and synchronize data across geographies to multiple systems
- Provide application data in real time for reporting servers and data warehouses
- Enable high availability and disaster recovery for global enterprises
- Comply with industry regulations requiring strict transaction tracking
- Integrate acquired data assets for 360-degree access across the enterprise
- Migrate data to new databases, hardware, or OS platforms

SAP REPLICATION SERVER

SAP Replication Server supports your enterprise data management environment by replicating and synchronizing transactions originating in SAP Adaptive Server® Enterprise (SAP ASE), Oracle, IBM DB2 Universal Database (UDB), and Microsoft SQL Server databases (see the figure). It provides the high-performance, secure, reliable, and consistent delivery of data across the enterprise, addressing:

- Data movement, distribution, synchronization, and migration
- Real-time reporting
- Disaster recovery and high availability

DELIVERING KEY FUNCTIONALITY

With SAP Replication Server, you gain all the benefits of:

- High-performance data movement
- Nonintrusive transaction capture without degrading transactional database source
- Dependable transaction application to target database, for zero data loss
- Real-time synchronization across heterogeneous data sources
- Centralized modeling and administration of complex deployment architectures
- Flexible data translations
- Distributed architecture with reliable and consistent data delivery

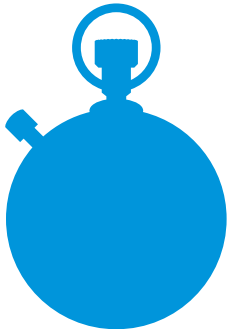


High-Performance Data Replication Across Heterogeneous Environments

REDEFINING HIGH PERFORMANCE

Performance is a defining factor of SAP Replication Server. This is demonstrated with its most recent release, which is up to 600% faster than its predecessor, depending on specific application transactions. This increase in performance can be attributed to the following features and functionality:

- Continuous real-time, log-based transactional data capture
- Structured Query Language (SQL) statement replication, which replicates only the SQL statement itself to the target database
- Stored procedure replication, which reduces replication system latency
- Optimized transaction performance to reduce latency between the source database and target database



SAP Replication Server provides [high-performance, secure, reliable, and consistent delivery of data](#) across the enterprise.

Database Replication for Heterogeneous Environments

Source Databases	Target Databases
<ul style="list-style-type: none">• SAP® Adaptive Server® Enterprise (SAP ASE)• Oracle• IBM DB2 Universal Database (UDB)• Microsoft SQL Server	<ul style="list-style-type: none">• SAP® HANA platform• SAP ASE• SAP IQ software• Oracle• IBM DB2 UDB• Microsoft SQL Server

SUPPORTING MISSION-CRITICAL ENTERPRISE DATA MOVEMENT NEEDS

SAP Replication Server provides the continuous movement of mission-critical application data. Once established, this environment can be automated to help ensure that information is replicated to meet changing business demands. Whatever the environment, no matter how complex or broadly distributed, and whatever the time constraints, SAP Replication Server can meet your organization's most demanding data movement requirements.



INTEGRATED, EASY-TO-USE MODELING AND SYSTEM MANAGEMENT

SAP Replication Server also works with modeling and systems management tools from SAP. With SAP PowerDesigner® software, you can create and capture the metadata used to describe your replication architecture and make changes more rapidly and flexibly. SAP PowerDesigner also automatically generates many of the scripts needed to create the replication logic definitions. The Replication Server Manager™ component of SAP Replication Server is a powerful yet easy-to-use console that gives you one common method to administer and manage your replication environment in an intuitive, secure, and low-cost way.

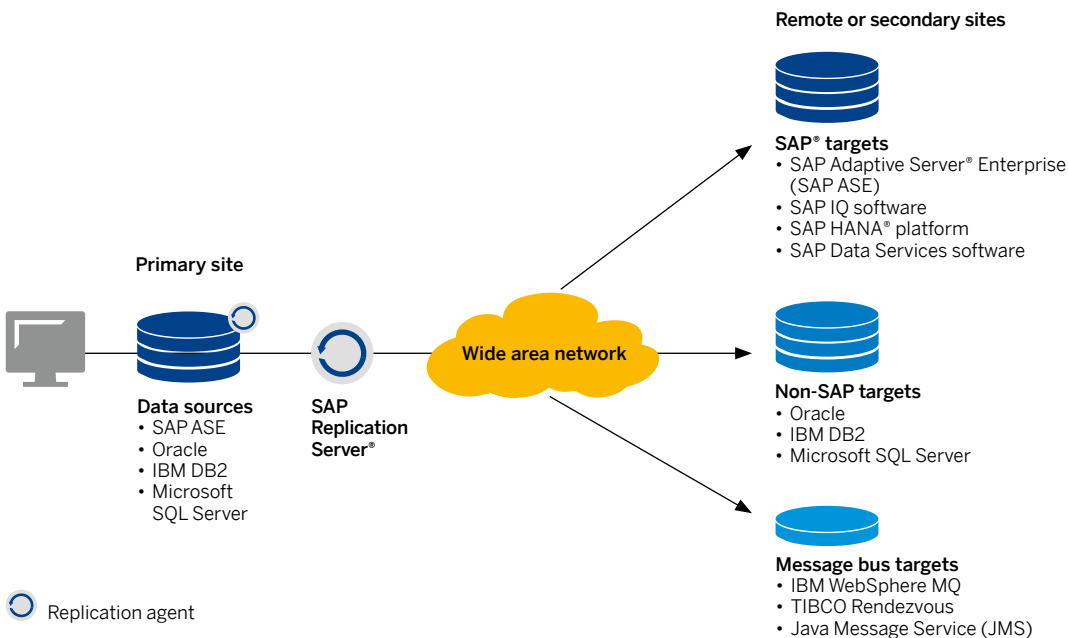
LEARN MORE

For more information about how SAP Replication Server can help meet your data challenges, visit <http://scn.sap.com/community/sap-replication-server>.

SAP® Replication Server® supports SAP, Oracle, IBM, and Microsoft databases running on:

- Solaris
- Microsoft Windows
- IBM AIX
- HP-UX
- Red Hat Enterprise Linux
- SUSE Linux

Figure: SAP Replication Server – Best-in-Class Real-Time Data Replication



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