

Data Synchronization, Loading, and Disaster Recovery for Business Operations

Rely on Real-Time Data Replication to Meet the Data Movement Demands of Your Global Enterprise

Today's enterprise supports a complex data environment with nonstop data growth. Access to valuable data assets is often blocked by incompatible systems and data schemas. With SAP® Sybase® Replication Server®, your **data is always where you need it to be**. The software lets your IT team:

- Distribute and synchronize data across geographies to multiple systems
- Provide real-time availability of application data for reporting servers and data warehouses
- Enable high availability and disaster recovery for global enterprises
- Comply with industry regulations
- Integrate acquired data assets
- Migrate data to new databases, hardware, or OS platforms

SAP SYBASE REPLICATION SERVER

SAP Sybase Replication Server supports your enterprise data management environment by replicating and synchronizing transactions in SAP Sybase Adaptive Server® Enterprise (SAP Sybase 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

DELIVERING KEY FUNCTIONALITY

SAP Sybase Replication Server includes the following functionality:

- High-performance data distribution and consolidation
- Bidirectional synchronization across heterogeneous data sources
- Centralized 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 Sybase 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:

- 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
- Continuous real-time, log-based, transactional data capture
- Optimized transaction performance to reduce latency between the source database and target database

Database Replication for Heterogeneous Environments

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



SAP Sybase Replication Server provides **high-performance, secure, reliable, and consistent delivery of data** across the enterprise.

SUPPORTING IT PROCESS AND TECHNOLOGY INITIATIVES

SAP Sybase 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 Sybase Replication Server can meet your organization's most demanding data movement requirements.



INTEGRATED MODELING AND SYSTEM MANAGEMENT

SAP Sybase Replication Server also works with modeling and systems management tools from SAP. With SAP Sybase PowerDesigner® software, you can create and capture the metadata used to describe your replication architecture and make changes more rapidly and flexibly. SAP Sybase PowerDesigner also automatically generates many of the scripts needed to create the replication logic definitions. The Replication Server Manager™ component of SAP Sybase 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.

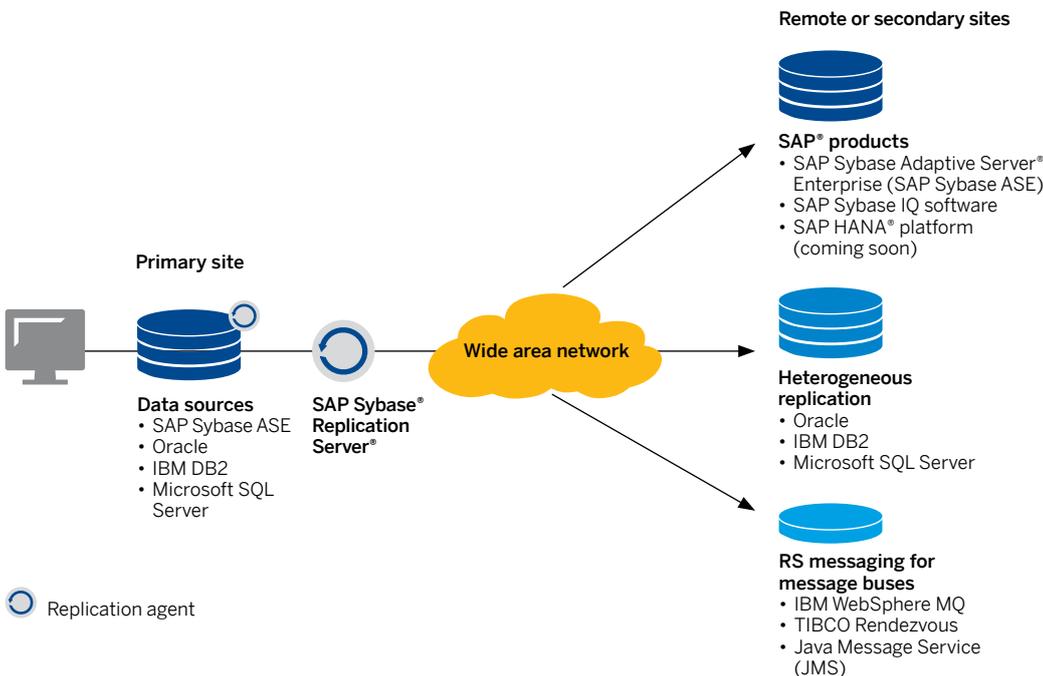
LEARN MORE

For more information about how SAP Sybase Replication Server can help meet your data challenges, visit www.sap.com/solutions/technology/enterprise-information-management/data-replication-software/index.epx.

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

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

Figure: Real-Time Data Replication from Heterogeneous Data Sources



www.sap.com/contactsap

CMP22164 (13/05) © 2013 SAP AG or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.

Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP AG and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and other countries.

Please see <http://www.sap.com/corporate-en/legal/copyright/index.epx#trademark> for additional trademark information and notices.



The Best-Run Businesses Run SAP™