

# Sybase® Replication Server®

## PRODUCT DATASHEET

### THE CHALLENGE: DATA SYNCHRONIZATION & AVAILABILITY FOR GLOBAL BUSINESS OPERATIONS

Through mergers, acquisitions, and the global environment, today's enterprise supports an increasingly complex data environment. Third-party applications, legacy applications, and home-grown solutions all add to the mix. These expansions have resulted in a data explosion with non-stop data growth occurring within multiple, often widespread, business units.

Within these distributed business units, valuable data assets sit trapped in information silos, blocked by incompatible systems and data schemas. As a result, much of a company's new data is displaced, disconnected, and not readily accessible. Such an environment creates nightmares for IT when tasked with performing essential data movement activities such as:

- Distribution and synchronization of data across geographies to multiple systems
- Providing real-time availability of application data for reporting servers
- Enabling business continuity and DR solutions for the global enterprise
- Compliance with rigid industry regulations
- Integration of acquired assets
- Migration to new database, hardware, or OS platforms

Data is the life blood of the enterprise. How are companies managing their data in real-time to address the increasing data movement demands within the enterprise?

### THE ANSWER: SYBASE REPLICATION SERVER

Sybase Replication Server supports the enterprise data management environment by replicating and synchronizing Sybase ASE, Oracle, Microsoft SQL Server, and IBM DB2 UDB database transactions. It provides high performance, secured, and guaranteed delivery of data across the enterprise, addressing:

- Data Movement, Distribution, Synchronization and Migration
- Real-Time Reporting
- Disaster Recovery

### SYBASE REPLICATION SERVER KEY CAPABILITIES:

- High performance data distribution and consolidation
- Bi-directional synchronization across heterogeneous data sources
- Centralized administration of complex deployments
- Flexible data translations
- Distributed architecture with guaranteed delivery

### DATABASE REPLICATION FOR HETEROGENEOUS ENVIRONMENTS

Source Databases	Target Databases
Sybase ASE	Sybase ASE
Oracle	Sybase IQ
Microsoft® SQL Server	Oracle
IBM DB2 UDB	Microsoft SQL Server
	IBM DB2 UDB

**SYBASE REPLICATION SERVER  
SUPPORTS SYBASE, ORACLE,  
MICROSOFT AND IBM ON:**

- Solaris
- Windows
- AIX
- HP-UX
- RedHat Linux Enterprise

## REPLICATION SERVER REDEFINES HIGH PERFORMANCE

Performance is a defining factor of Replication Server. This is demonstrated with the recent release of Replication Server which is 400% to 600% faster than its predecessor, defined by the environments transactional profile. This increase in performance can be attributed to the following capabilities and features:

- SQL Statement Replication – replicates only SQL Statement itself to target database
- Stored Procedure Replication – reduces replication system latency
- Continuous real-time log-based transactional data capture
- Optimized transaction performance to target database

## SUPPORT FOR IT PROCESS & TECHNOLOGY INITIATIVES

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

## COMPLETING THE SOLUTION: POWERDESIGNER MODELING & REPLICATION SERVER MANAGEMENT

In addition to the features and benefits noted above, Sybase Replication Server also works seamlessly with Sybase Modeling, Development, and Systems Management tools. With PowerDesigner®, you can create and capture the metadata used to describe your replication topology, and make changes to that topology rapidly and flexibly. PowerDesigner also generates many of the scripts needed to create the replication logic definitions. The Database Development module of Sybase WorkSpace provides the environment needed to write the remaining replication scripts not generated by PowerDesigner, and rapidly deploy all of the replication code into production. Replication Server Manager 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.

