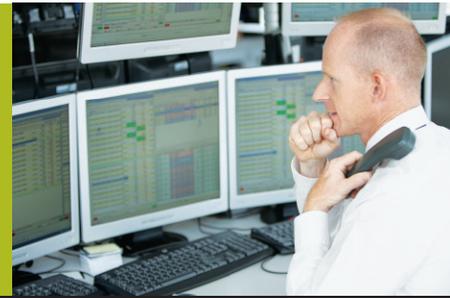


# Replication Server® Real-Time Loading Edition



**PRODUCT DATASHEET**

Sybase IQ is a smart way to deliver high-performance enterprise analytics without abandoning the investments you've made in technology and knowledge resources. Experience the kinds of results that more than 1,800 Sybase IQ customers are experiencing everyday — a 10x to 1,000x increase in query speed, even on terabytes of data delivered to thousands of users at exactly the right time.

Replication Server Real-Time Loading Edition adds high performance loading capability from Oracle and Sybase ASE databases to your Sybase IQ analytics servers enabling delivery of real-time information to Sybase IQ.

**BUSINESS INTELLIGENCE WITH OPERATIONAL DATA**

Information is the engine that drives successful organizations. Performing Business Intelligence against transactional or operational data as it changes is increasingly becoming the key in determining the winners and losers in today's marketplace. The ability to see tactical trends and potentially strategic shifts in events within minutes of their occurrence, leads to smarter and more timely decisions, and ultimately enhances a firm's competitiveness.

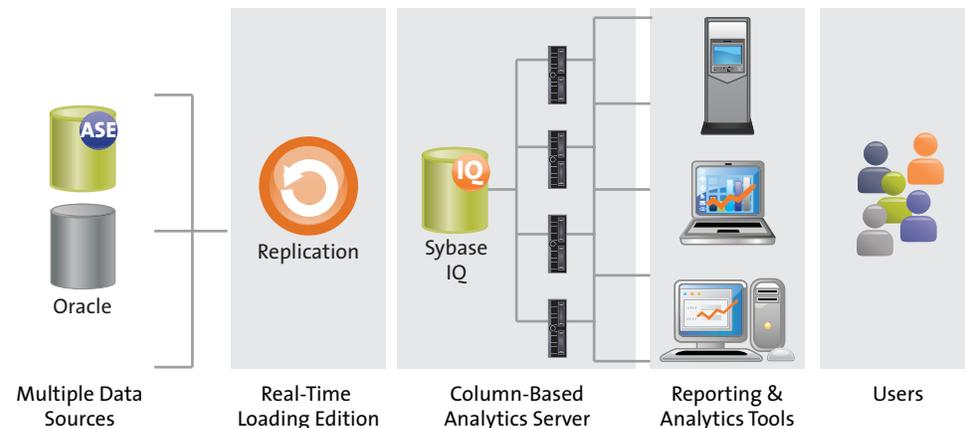
Sybase's new Replication Server Real-Time Loading Edition adds high performance loading capability from Sybase ASE and Oracle source databases to Sybase IQ analytics server targets. It relieves the pressure of reporting against your transactional systems and establishes a true Operational Data Store for business intelligence.

**PRODUCT OVERVIEW**

Your Sybase IQ business intelligence environment may be up and running, but how often does it get updated with new data? Are your users screaming for more recent operational data for their reports, analytics, and dashboards?

The Replication Server Real-Time Loading Edition will move you beyond nightly batch loads to continuous loads throughout the day, delivering the operational system changes to your Sybase IQ analytics server within minutes of the source transaction change. This product combines Sybase's proven replication technology with specialized analytics expertise to deliver faster time-to-value.

**PRODUCT ARCHITECTURE**



Instead of sending every logged operation, compilation removes all the intermediate operations and sends only the final states of a replicated transaction. Depending on the application, this generally means a much smaller amount of data is processed.

As Replication Server compiles and combines a larger number of transactions into a group, bulk operation processing improves; therefore, replication throughput and performance also improves. You can control the amount of data that is grouped together for bulk apply by adjusting group sizes.

When replicating into Sybase IQ replicate databases with identical database schema, Replication Server achieves better performance than with the continuous replication mode. Real-time loading uses these processes, which result in data reduction.

#### REPLICATION SERVER REAL-TIME LOADING EDITION FEATURES

FEATURES	DESCRIPTION
<b>Compilation</b>	Rearranges replicate data, by clustering it by each table, and each insert, update, and delete operation, and then compiles the operations into net-row operations.
<b>Bulk Apply</b>	This feature applies the net result of the compilation operations in bulk using the most efficient bulk interface for the net result. Replication Server uses an in-memory net-change database to store the net row changes, which it applies to the replicate database.