

# SQDR: Real-Time Data Replication

## Product Overview

A constant challenge in today's global business environment is the demand for 24x7 data availability. Sharing information across platforms, databases and applications regardless of location is crucial. Missing or inaccessible data can mean lost productivity, business opportunity and revenue.

Fortunately, SQDR makes it easy to reach your information sharing goals while also protecting your company's valuable data assets –whether your system changes or outages are planned or unplanned. SQDR mirrors your disparate data sets between DB2, SQL Server and Oracle in real-time. In addition, with StarQuest's GUI and configuration wizards, set up and operations are a snap.

## Astonishingly simple **real-time replication** and change data capture

### SQDR Delivers

- Inherently robust replication infrastructure
- High performance with low impact on existing systems without interfering with existing applications
- Scalable architecture with independent tiers, which may be horizontally scaled
- Low entry-level pricing
- Familiar browser-based and Windows GUI tools
- Rapid deployment, including automatic creation of destination tables
- Lowest Total Cost of Ownership

### High performance. Low impact. Great value.

**You grow your business, we'll keep your data moving.** SQDR provides data availability and secure replication across multiple databases in real-time, regardless of host or target system location. IT teams will experience an elegant, simply designed solution that can be rapidly deployed with minimal host impact. SQDR requires no programming and is configured in hours, not days or weeks.

**We bring your legacy data sources in from the cold.** You can synchronize and mirror your legacy data to other DB2, SQL Server, Oracle and MySQL systems, using lightning fast multi-threaded processing, without having any host system expertise.

**Why StarQuest?** StarQuest guides your replication requirements with our extensive experience and expertise with DB2, IBM i, SQL Server, Oracle and network protocols. Our unique thin server technology supports multi-tiered deployments that minimizes impact on existing systems, providing you with first-rate reliable performance and the smallest system footprint in the industry. StarQuest's purpose-built software is feature-rich, yet is the choice for customers requiring real-time access to data without any programming. In addition, our comprehensive support frees your IT teams to concentrate on strategic goals instead of spending scarce resources on monitoring, troubleshooting, or tuning. While other products may provide similar features, SQDR goes beyond by giving you an industrial strength, affordable solution with a scalable architecture, superlative support, and no vendor lock-in.

### SIGNS YOU NEED STARQUEST'S SQDR:

- Demand for reporting is compromising critical transaction processing and driving expensive upgrades
- You require a different type of DBMS to host data for new business applications
- Unreliable bulk data transfer to remote locations slows business processes
- There are security concerns about placing public facing applications directly on shared hosts
- Bulk data transfer cannot keep up with the millions of transactions generated by gigabyte or terabyte sized databases
- Leveraging your IBM i data to SQLServer, Oracle, and MySQL is important
- Disasters such as a local power outage requires you to manually switch your application to a remote site
- Applications require sharing data with a remote DB2 system that is not always available
- Your Business Intelligence (BI) effort is not fully adopted or accepted because data is not real-time
- The pricing model of your existing replication solution discourages the use of different DBMS products.
- You need database updates to drive business processes using a message bus

# Lower your TCO with StarQuest's real-time data replication solution

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## Leverage Multiple Data Sources

- Leverage multiple data distribution topologies and sources
- Mirror data between heterogeneous database platforms such as IBM DB2, Microsoft SQL Server, Oracle, Informix, Kognitio WX2, and MySQL
- Enable new application deployment designed for specific databases, such as SQL Server
- Proven compatibility with popular enterprise applications including, JD Edwards, Enterprise One (Oracle), Lawson, and Tableau
- Interoperable with existing High Availability Data Replication software such as Vision MIMIX and MaxAVA
- Expand the scope of usable corporate data for more complete use and visibility

## Open, Neutral, Low Impact

- Based upon open-standards such as TCP/IP, ODBC and SQL to work in any environment: physical, virtual or cloud
- Avoids vendor lock-in
- Change Data Capture gives asynchronous real-time replication of net changes without duplicating the entire database
- Quick to deploy
- Ultra-low system footprint at less than 1% host system resource consumption
- Supports existing enterprise security mechanisms while controlling and limiting access to sensitive information
- Compatible with wide range of existing DBMS versions, so there is no need to upgrade stable host environments while obtaining the benefits of SQDR on newer platforms

## Agile, High Performing, Scalable

- Real-time log-based replication for flexible, fast data sharing and scheduling
- User-friendly GUI, with configuration wizards and no programming required
- Incremental (mirroring) or snapshot (full fresh) data replication options
- Highly scalable industrial strength design replicates thousands of changes per second
- Robust design enables automatic recovery
- Run synchronization operations on demand or at predetermined schedules without interfering with production – no need for “exclusive locks”
- Configurable notification settings

StarQuest has been a leading provider of database connectivity products since 1994. StarQuest products use open standards to maximize compatibility and interoperability within an enterprise network. StarQuest is an active member of The Open Group software industry consortium, which was responsible for the adoption of DRDA as an industry standard for database interoperability. The StarQuest technology takes full advantage of open standards such as DRDA, SQL, ODBC, and JDBC.

*“We spent many hours looking for a solution for remote journaling. Amazingly, we finally found StarQuest – our IT department is saving several hours a week getting this task done.”*

—Kris Roux,  
Data Warehouse Developer  
Momentum Financial Services

## FLEXIBLE LICENSING

StarQuest provides an affordable replication solution, especially when compared to other enterprise-level replication products. See our competitive comparison matrix at [starquest.com/SQDR](http://starquest.com/SQDR).

SQDR is available in flexible, attractively priced entry-level bundles that includes everything needed to accomplish real-time replication between a single source and destination database pair. Additional licenses may be added to the bundle. Capacity (Core)-based licensing is also available and is intended for Enterprise customers requiring a larger number of replication pairs. In either case, Development/QA and Disaster Recovery (DR) pricing discounts are also provided.

## SUPPORT

Mission critical support you can count on to keep your systems running and data available.

- Expert Installation and configuration assistance gets your data flowing in hours, not weeks
- Extensive diagnostic expertise and support for related systems
- Supported by experts who know your system, not generalists who may not understand data replication