

Financial Services Case Study

SQDR and StarSQL Streamlines High-volume Analytics Reporting in the Financial Market

This company is an international financial lending and management institution with 62,000 employees in more than 120 countries. Their clients are credit organizations, government monitoring agencies, and loan providers that offer services to consumers and businesses in the form of loans, credit lines, and asset-based lending. They service their clients in a variety of ways which result in enterprise-level high volume transactions and reporting. This includes sending financial reports on a daily basis as well as the ability to access data 24/7 in real-time.

The credit management team accessed the loan and credit records of each client institution from a remote iSeries using Microsoft Access, compiling millions of financial transactions into comprehensive reports. This system was a labor intensive time-consuming process, requiring the company's employees to first download the source data into text files and then import them to Microsoft Access.



RESULTS

The implementation of SQDR has decreased data turnaround time by 75%

Use of a public network over private circuit saved \$5,000 per month

Greatly reduced time needed to generate 100+ daily reports, enhancing client relationships and servicing



Need

The transaction conversion and reporting procedure was cumbersome, taking nearly one hour per report. This system became increasingly inadequate as the number of financial transactions increased and employees began running over one hundred daily reports, relying on a slow WAN connection. A more streamlined and expedient way to compile and deliver reports was crucial to improve productivity.

Solution

Initially, this company worked with StarQuest to deploy **SQDR** to move data from the remote iSeries across the public network to a local SQL server. Accessing this data warehouse provided superior performance for the local users without sacrificing timeliness of the data. Subsequently, an Application Server was then deployed utilizing **StarSQL** for Java to drive transactions back to the remote iSeries. The result is they are now using a complete StarQuest solution to mediate all business transactions between the remote iSeries and the local business center.

Benefits

Daily reports are now available within seconds not hours. **SQDR** efficiently replicates data directly from the centralized iSeries to the SQL Server and avoids the cumbersome labor intensive data conversion. The implementation of **SQDR** has decreased the data latency by 75%, and provides clients with reliable real-time reports. The reduction of overhead and the faster turnaround has enabled the company to provide additional value-added services to their customers.

SSL encryption allows sensitive data to be transferred with confidence. Secure Sockets Layer (SSL) is an industry standard cryptographic protocol that provides communication security over the Internet. **StarSQL** supports the security provisions of the host computer preventing unauthorized use, while safely transferring account and credit card numbers across the public network. Use of the public network saved \$5,000 a month compared to a dedicated private circuit.

Real-time web-based applications improved customer service. The **SQDR** configuration gave users more powerful ways to streamline report generation, implement client systems such as web applications, and improve client service by providing real-time reliable data. The **SQDR** solution was superior to the accessing native iSeries applications across a relatively slow WAN connection.

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.

For more information and for pricing information please visit <http://www.starquest.com> or call +1 415-669-9619

