Replication Solutions

SQData offers a complete end-to-end replication solution for customers who have a need to synchronize their relational and/or non-relational data with near-real-time latency.

Comprehensive Replication for IMS, VSAM, DB2, Oracle and Other Relational Databases

Replication Solutions

SQData provides several high-availability, disaster tolerant options for replication, which include:

➢ **Active - Active**

SQData's solution for active-active replication provides multi-directional data synchronization between two (2) or more like databases with near-real-time latency. SQData's SmartApply® technology enables customers to select specific source fields that can be used to determine 'who-wins' for concurrent updates across systems.

➢ **Live Standby**

SQData's uni-directional replication capabilities allow customers to capture database updates from an active subsystem and replicate the changes to a live-standby subsystem with near-real-time latency for continuous operation in the event of an outage to the master subsystem.

➢ **Active -Downstream**

In addition to replicating like databases, customers have the option of replicating changed data to a variety of heterogeneous databases and/or downstream applications designed to process near-real-time changed data. This solution is typically used to support data warehousing / BI initiatives or to support event publishing requirements.

Highlights

The key features separating SQData from other replication solutions:

➢ **Multi-Directional Replication**

For customers seeking to implement an 'Active-Active' replication solution, SQData has the ability to perform multi-directional replication between two (2) or more subsystems with near-real-time latency. Of course, customers can setup an 'Active - Standby' environment with the uni-directional replication capability of SQData.

➢ **Advanced Non-Relational Data Processing Capability**

SQData was initially designed specifically for IMS and has a proven track record of capturing, processing and integrating large, complex IMS and VSAM database structures into a variety of heterogeneous databases.

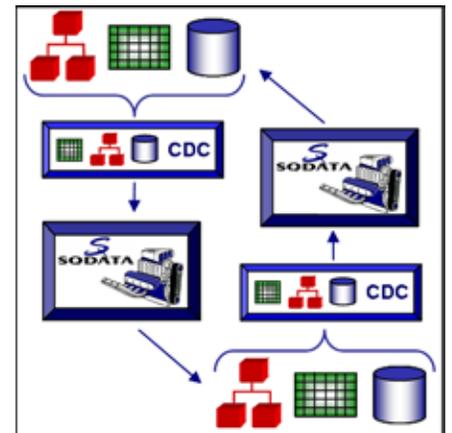➢ **Superior Relational Data Processing**

SQData's relational database competency includes high-performance near-real-time changed data capture, event publishing and updating major relational databases including DB2, Oracle, MySQL, SQLServer and others.

➢ **Conflict Detection and Monitoring**

SQData's comprehensive conflict detection monitoring allows customers to identify conflicts that may occur during replication and specify the action to be taken in the event of a conflict (i.e. compensate, notify, etc.).

➢ **Rapid Deployment**

Implementing a replication framework with SQData can be done more quickly and with fewer people than with other 3rd party products. SQData's built-in transformation functions eliminate the need for complex transformation exit routines resulting in short learning curve.

Industrial Strength Replication Solutions

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About SQData

SQData was founded in 2000 by a team of Database Software Developers and Consultants with a goal of providing customers with the most comprehensive data capture, replication and event publishing framework available.

SQData's customers tend to be large companies who have a need to integrate their legacy data with newer technologies. Companies choose SQData for its legacy data capability, reliable operation and simplicity.

For more information regarding SQData technology and professional services, please visit www.sqdata.com