SharePlex

Impact free database replication to achieve high availability, scalability and near real time data integration.

Enable high-performance replication and data integration for Oracle and other databases, such as Microsoft SQL Server, SAP HANA, SAP Adaptive Server Enterprise (ASE), Teradata and EnterpriseDB (EDB) Postgres Advanced Server, with SharePlex. Only SharePlex provides Java Message Service (JMS) queues, flat file output to SQL and XML, in-flight data integrity, monitoring and alerting functionalities, as well as great customer support — all in one affordable solution.

Often considered the "best in class" solution for database replication, SharePlex ensures high availability and business continuity, and enables you to meet your database operational goals. It provides a real-time copy of production data — without impacting your system's performance and availability. The data is continuously replicated from one database server to another, with no scheduling required. It immediately replicates any change in data on the source to the target, so the target database is always in sync and the data is always instantly available. And unlike any other solution, SharePlex employs a streaming process outside the database instance — creating a small footprint for minimal impact on database performance and network capacity.

> "We have eliminated the two hours of downtime we used to have every night for our reporting database by switching to SharePlex."
>
> *Sean Scott, Oracle DBA, Bodybuilding.com*

BENEFITS:

- Costs a fraction of the price of other replication tools, including Oracle

- Offers a single solution to replicate from Oracle and SQL Server databases with zero down time

- Includes award-winning, industry-leading support

- Comes with access to educational resources in our online community to further optimize replication

- Supports all legacy and current Oracle Standard Editions

- Facilitates near real-time data integration via continuous replication to Oracle, Microsoft SQL Server, SAP ASE, SAP HANA, Teradata, EDB Postgres, JMS queue and XML files

- Ensures high availability and the fastest possible recovery time objective (RTO)

- Minimizes risks and downtime associated with migrations

- Enables near real-time reporting, analytics and data warehousing

Availability

High availability/ Disaster recovery

Migrations, patches and upgrades

Active-Active/ Load balancing

Scalability

Operational reporting/ Archiving

Data distribution/ Distributed processing

Cascading using intermediary systems

Integration

Data integration/ Data warehousing

Change history/ Metadata repository

Centralized reporting/ Consolidation

SharePlex is easily configurable to meet your business needs and specific use case.
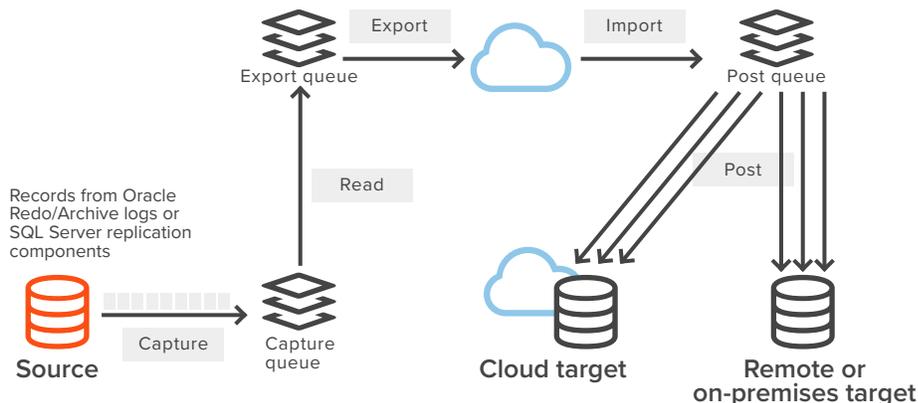
The SharePlex data replication process

FEATURES

- **Database replication** — Provide high availability for both active-passive and active-active Oracle 11g and 12c database configurations on premises, remote and in the cloud. Create real-time copies of SQL Server data from SQL Server 2012, 2014 and 2016 to other SQL Server versions and editions or Oracle databases to derive maximum performance from your transactional databases

- **Near real-time data integration** — Use change data capture from Oracle and SQL Server to enable delivery of data-native capabilities to Oracle, SQL Server, EDB Postgres Advanced Server and multiple flavors of JMS, as well as SQL and XML files for migrations. Near limitless integration is possible through the creation of customer-created adapters to read JMS to post to Netezza, Teradata and even unstructured targets such as Cassandra, MongoDB, HBASE, Hadoop and more.

- **Time-saving simplicity** — Quickly and easily install so you can use everything required for Oracle and SQL Server data replication within 15 minutes — without ever requiring any add-ons or management packs.

- **Data accuracy and integrity** — Ensure that target instances are accurate representations of the source database. Provide peer-to-peer monitoring and conflict detection and resolution (predefined and user defined). Use compare and repair to reveal anomalies between source and target for rapid, zero downtime delta resolution.

- **Improved performance** — Offload process-intensive reports outside the main production database server.
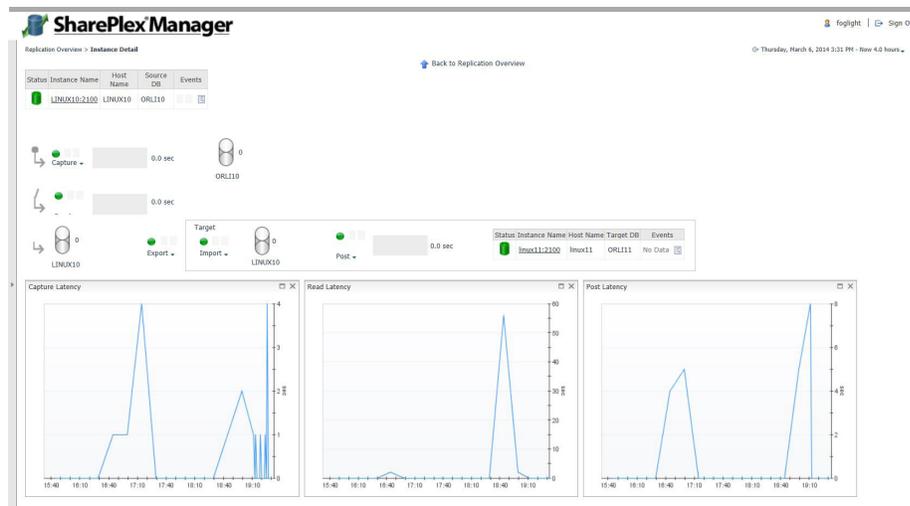
Easily monitor and manage all aspects of your environment through the management console.

Replicate large volumes of changes without spikes in network activity.

- **Oracle-to-Oracle migration failback** — Quickly revert back to the original system with no data loss should something go wrong on the post-migration system.

- **Support for Oracle Standard Edition and Enterprise Edition** — Support mixed environments with differing source and target operating systems, database editions and database versions, including 11g through 12c, clustered environments, and ASM, RAC and Exadata® X2, X3, X4 and X5.

- **Simplified SQL Server replication** — Get heterogeneous replication from SQL Server 2012, 2014 or 2016 to target environments that support any of these versions of SQL Server, standard or enterprise edition (as well as Oracle 11g or Oracle 12c).

- **Flexible support for datatypes** — Support LOBs, including SecureFile LOBs, UDTs, LONG, Varray, Oracle Advanced Compression, Oracle Transparent Data Encryption (TDE) and Hybrid Columnar Compression (HCC) for Exadata platforms.

- **Unrivaled affordability** — Provide an economical replacement to Oracle Streams with all the functionality of Oracle GoldenGate, including compare and repair utilities, as well as a monitoring and alerting interface — in one complete package — at a fraction of the price.

- **Simplify your journey to the cloud** — SharePlex provides near-real time migrations to your cloud database with no impact to users. Because you still have to support your daily operations during migrations, SharePlex enables you to replicate back from the cloud into your on-premises data warehouse. No data loss. No interruption to user productivity.

ABOUT QUEST

At Quest, our purpose is to solve complex problems with simple solutions. We accomplish this with a philosophy focused on great products, great service and an overall goal of being simple to do business with. Our vision is to deliver technology that eliminates the need to choose between efficiency and effectiveness, which means you and your organization can spend less time on IT administration and more time on business innovation.