

# Quest® SharePlex® for Oracle Database Migrations and Upgrades

Oracle database migrations and upgrades can be time-consuming, risky and expensive. But, what if you could complete your database migration and upgrade projects with near-zero downtime and zero data loss, thus achieving your operational goals without impacting the business?

## AVOID RISK, DOWNTIME AND LONG HOURS

The process of migrating and upgrading hardware, operating systems, databases and software applications has become inextricably linked to risk, downtime and weekends at the office for most administrators who perform them.

Migration usually involves changing hardware, moving to a brand-new platform (for example, from Windows to Linux or from one storage platform to another), upgrading to a newer version of Oracle on new hardware or moving from on-premises to the cloud.

Database vendors offer a myriad of system-provided tools for accomplishing migrations and upgrades, but their scope is limited, and their use can still result in downtime. Dedicated replication tools let you copy the old environment and update or upgrade the new environment with minimal downtime.

## WHY YOU NEED AN ENTERPRISE MIGRATION SOLUTION

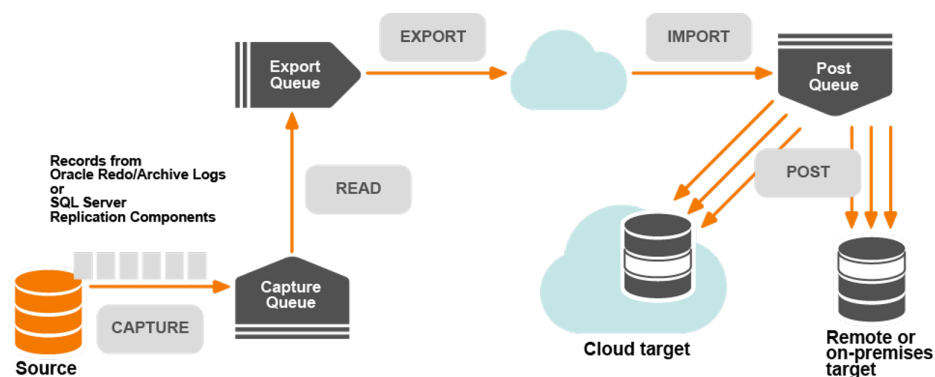
Traditional methods put the business – and the IT team – at risk. These methods for migrating and upgrading are complex and resource intensive, and often require lengthy downtime of production systems. This is why organizations shudder at the prospect of having to upgrade or migrate IT systems.

What happens if performance or functionality problems come to light, and you need to fall back to the old system after transactions have been posted in the new system? Enterprise migration solutions based on near real-time replication reduce the risk, cost and effort required for a migration or upgrade. Quest® Shareplex® is a leading enterprise-class database replication solution that can deliver impact-free migrations with the ability to:

- Stand up replicas of your production systems
- Perform migrations or upgrades on replicas during normal work hours

## BENEFITS:

- Perform impact-free Oracle database migrations with near-zero downtime and no data loss
- Avoid risk, stress and long hours
- Reduce costs, increase scalability and simplify your work
- Cut cloud migration time to a fraction of the usual duration
- Test before deployment and apply a backup/rollback plan



- Discover and remediate issues, test functionality and scalability before you go live with the new system
- Easily switch to the new environment without expensive downtime
- Keep the old system in sync before, during and after the switch, so if critical problems come to light in the new environment, you can seamlessly revert to the old system without data loss

## KEY FEATURES

SharePlex has several features that specifically support database migrations and upgrades:

**In-flight data integrity and instantiation** provides built-in, before-and-after image data comparisons at the transaction level to detect anomalies. This guarantees that the replica copy is accurate.

**Compare-and-repair** ensures data integrity in all use cases and reduces mean-time-to-repair. SharePlex virtually eliminates the downtime associated with taking applications offline when data is compromised. The feature makes repairs in line, saving time and mitigating risk to the business.

**Migration fallback** provides a migration-rollback recovery mechanism to replicate from a newer version of Oracle back to an older version. This safeguards your data if the application does not work correctly after the migration.

**Replication monitor GUI** allows you to execute control commands on replication processes, monitor and optimize performance, and diagnose database replication problems before they cause disruptions or downtime.

## REASONS TO USE SHAREPLEX

SharePlex is a simple, low-cost, impact-free data replication solution for Oracle databases. Since 1997, SharePlex has simplified data replication for customers in a variety of industries worldwide, including many Fortune 500 companies. SharePlex delivers on five main criteria:

1. **Cost** – SharePlex includes all the tools required for reliable replication, including

conflict resolution, change data capture and synchronization supporting a multitude of business use cases – for one low price that’s about half that of Oracle GoldenGate. Also, there is no need to buy Oracle’s add-on packs or options.

2. **Support** – SharePlex offers unmatched support, consistently earning customer satisfaction ratings between 91 and 98 percent in post-support surveys since 2014. The work of the SharePlex technical support team has contributed to Quest being a recipient of the Confront ACE (Achievement of Customer Excellence) award. SharePlex comes with around-the-clock support at no extra charge.

3. **Simplicity** – There is a common misconception that data replication is complex. SharePlex is simple to install, configure and manage, providing significant value for Total Cost of Ownership (TCO). SharePlex also streamlines day-to-day operations since it automatically creates and syncs all the queues and processes, saving you time.

4. **Scalability** – While Oracle GoldenGate may require users to upgrade to RAC or Oracle Enterprise Edition with add-on packs, SharePlex offers flexible scalability options by enabling you to replicate to unlimited targets without increasing cost.

5. **Productivity** – Once SharePlex is installed, it’s so easy to operate that you won’t need to add staff to use and maintain it. Functionalities such as compare-and-repair, a built-in fall-back recovery mechanism, and in-flight data integrity checks find and fix anomalies so you don’t have to make manual adjustments.

## ABOUT QUEST SOFTWARE

Quest Software creates technology and solutions that build the foundation for enterprise AI. Focused on data management and governance, cybersecurity and platform modernization, Quest helps organizations address their most pressing challenges and make the promise of AI a reality. Around the globe, more than 45,000 companies including over 90% of the Fortune 500 count on Quest Software. For more information, visit [www.quest.com](http://www.quest.com) or follow Quest Software on X (formerly Twitter) and LinkedIn.