• Compare and Repair – Automates the out-of-sync resolution process between the source and target databases

• Flexibility – Delivers high-performance replication between Oracle versions (9i, 10g)

• Instant Activation – Affirms replication of a live system without affecting application or database availability

• QuickConfig – Enables simple, rapid configuration of SharePlex to support highly complex replication scenarios that solve a wide range of key challenges

SharePlex®
for Oracle

The Complete Replication Solution

When performance of a critical application suffers or essential data is inaccessible, your business can be in jeopardy. You depend on data to create competitive advantage, increase productivity, and enable users to make faster and more informed decisions.
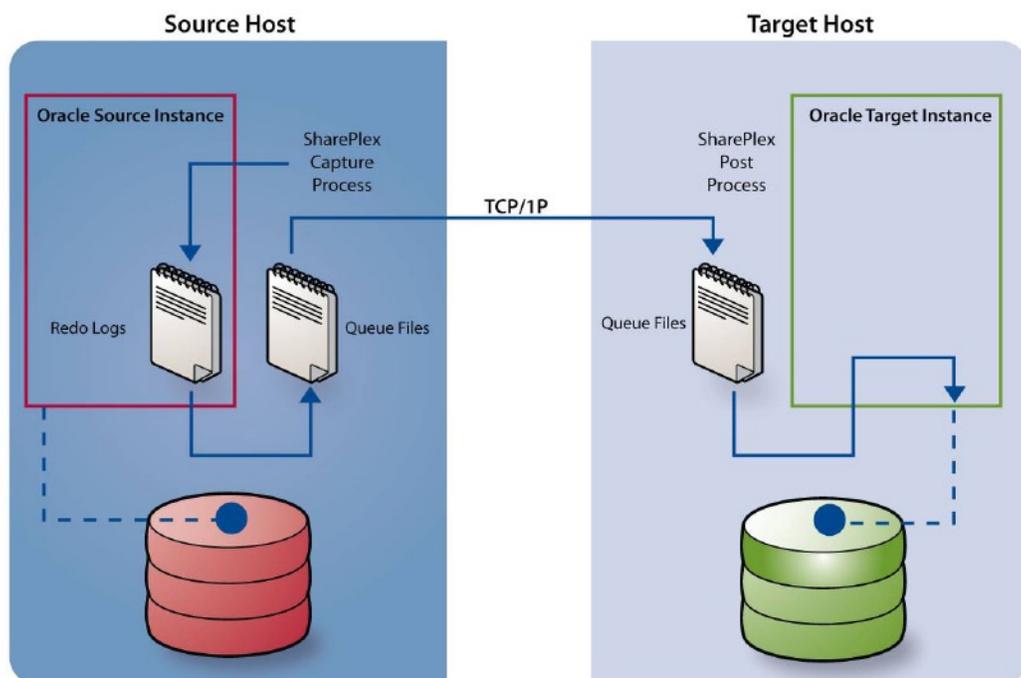
But the massive volume of data flowing through the complex IT infrastructure creates a myriad of opportunities for data inconsistency and reduced availability. And you are challenged every day with optimizing the operating environment of online transaction processing (OLTP) systems and satisfying users' information demands. Plus, it's difficult to view the status of your environments at one glance and make decisions that positively impact the business.

That's why effectively managing today's complex IT environments requires a reliable and thorough method for ensuring that data is accessible and accurate - a method that will not adversely affect system performance.

SharePlex® for Oracle creates and maintains a fault-tolerant replica of your Oracle database — even at the table level. With an open, available copy of your data, you can:

> • Ensure high availability and disaster recovery
> • Eliminate risks associated with migrations
> • Improve performance of OLTP systems
> • Optimize business intelligence applications

And unlike other replication solutions, SharePlex employs a streaming process outside the database, minimizing the impact on database performance and network capacity. It is the world's most proven and sophisti-

SharePlex Architecture: High-speed, log-based Oracle data replication

System Requirements:
Operating Systems:
Unix
- SQL*Plus
- Per-process memory of at least 256 MB
- A recommended hard limit system file descriptors setting of at least 1024, or as close to that as system resources permit
- See the Unix pre-installation checklist for additional system requirements

Linux
- Minimum of 1 GB of RAM
- System swap space equal to or greater than twice the amount of RAM
- 400 MB of space in the /tmp directory
- Pentium II processor 233 MHz, minimum

Windows
- Minimum 300 MB of RAM
- Additional 200 MB of page file size if the current size is 80% or more used
- Oracle 8.1.7.x client
- MS Terminal Server or PC Anywhere for providing technical support through remote login
- See the Windows pre-installation checklist for additional system and database requirements.

cated high-performance data availability solution, serving more than 700 customers. SharePlex provides:

- Low latency between source and target databases with non-invasive, high-speed and efficient data replication
- Database replication across multiple operating environments and different versions of Oracle
- 24x7 unattended monitoring of your enterprise's replication environment
- Reduced downtime, minimal risk and lower costs in both Oracle and hardware migrations

Automatic Storage Management (ASM) Support
Shareplex now offers complete support for ASM - recommended by Oracle. It can also read and process Oracle log files.

SharePlex Manager
With SharePlex Manager, you can monitor your replication environment around the clock, whether attended or unattended. Alerts and alarms can be defined for your unique business requirements and can notify you if thresholds have been exceeded.

Log-Based Replication
SharePlex can capture a modification to selected objects immediately, as soon as it is written to the Oracle log and even before the transaction is committed. However, speed does mean you give up accuracy. SharePlex completely complies with the Read Consistency Model, so that target instances are accurate representations of the source database.

Instant Activation
SharePlex affirms the replication of a live system without affecting application or database availability. With instant activation, you can trigger thousands of tables in seconds, while keeping your OLTP systems available and generating revenue.

Low Network Impact
SharePlex has no need to rely on the Oracle database engine to capture and propagate changes. It intelligently reads the Oracle logs and determines what data needs to be sent to target systems. SharePlex replicates only the changes, so it minimizes its network bandwidth needs. By sending a small, steady stream of data to the target systems, SharePlex can replicate volumes of changes without spikes in network performance.

Full Replication Support
SharePlex works seamlessly with earlier versions. This interoperability allows target systems to be upgraded without downtime on the source. SharePlex offers secure connections between the source and target through the use of Secure Shell or SSH-2.

About Quest Software, Inc.
Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 50,000 customers worldwide meet higher expectations for enterprise IT. Quest Software can be found in offices around the globe and at **www.quest.com**.

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