

## CUSTOMER BENEFITS:

- 24/7 ACCESS TO KEY ORACLE DATABASES.
- DISASTER AVOIDANCE AND RECOVERY FOR ORACLE-BASED BUSINESSES.
- AVOID THE COSTS OF BOTH PLANNED OR UNPLANNED DOWNTIME.
- ENHANCE SERVICE LEVELS AND PROMOTE CUSTOMER RETENTION AND LOYALTY.
- HIGHLY EFFICIENT DISTRIBUTED DATA PROCESSING AND WORKLOAD BALANCING.
- ENSURE THE CONTINUITY OF SUPPLY CHAINS AND E-BUSINESS ENVIRONMENTS.
- SOLUTION BACKED BY A STABLE COMPANY WITH EXTENSIVE ORACLE AND HIGH AVAILABILITY EXPERTISE.

## HIGH DATA AVAILABILITY AND RESILIENCY FOR ORACLE DATABASES.

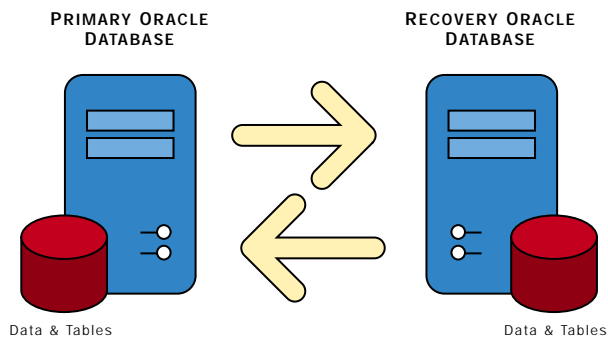
Every organization that relies on Oracle data to conduct business must be concerned about ensuring the resiliency and availability of their Oracle data assets. Globalization, business consolidation and the Internet have driven the need for 24/7 data availability. Companies now routinely have thousands of employees, customers and suppliers all over the world accessing their Oracle-based systems 24 hours a day, 7 days a week. If your database server is not on-line, or your business-critical Oracle data is unavailable for any period of time, your ability to transact business may be seriously impaired.

DataMirror iReflect is designed to virtually eliminate system downtime for Oracle environments. The software provides a powerful solution for disaster avoidance and recovery. iReflect uses intelligent database-level mirroring to provide a cost-effective solution to help businesses running Oracle achieve superior uptime and availability for their precious data assets. It mirrors Oracle database transactions from the primary system to the recovery system in real-time. The software also has the ability to detect primary system failure and invoke operational switching to enable highly available business operations in Oracle environments. iReflect is easy to configure and supports log-based replication of Oracle databases.

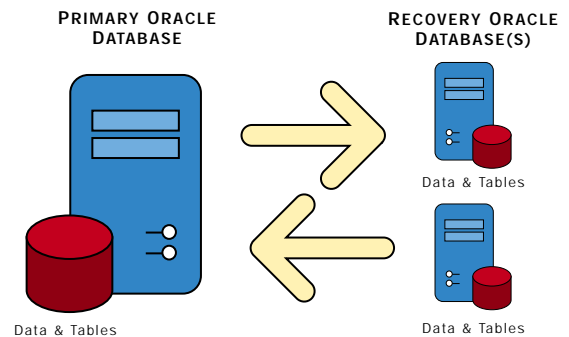
iReflect enhances the inherent availability features of your Oracle databases to provide thorough protection against all failures. Whereas tape backups may result in loss of data and require considerable time and effort to restore data since the last backup, iReflect provides a comprehensive and easy-to-use resiliency solution in the event of planned or unplanned downtime. iReflect's flexible architecture supports one-to-many, many-to-one and two-way replication scenarios. Using iReflect you can easily accommodate your current systems and configuration as well as scale and evolve as your environment changes to future-proof your investment.

DataMirror is committed to delivering the most extensive high availability solution on the market for Oracle-based computing environments. DataMirror provides a complete solution that encompasses software, a proven methodology, professional services and 24/7 global support. DataMirror iReflect provides the rapid Oracle data access and availability your organization requires to ensure superior customer service and competitiveness in today's economy.

### ONE-TO-ONE FAILOVER



### ONE-TO-MANY OR MANY-TO-ONE FAILOVER



## KEY PRODUCT FEATURES

### HIGH SPEED OPERATIONAL SWITCHING

Should an outage occur, iReflect can rapidly and seamlessly switch operations to a recovery system so that normal activities can resume. iReflect automatically detects when the primary system has failed and invokes automatic failover or other corrective measures specified by the user.

### POWERFUL LOG-BASED REPLICATION

iReflect utilizes the Oracle Redo-log to provide intelligent, real-time mirroring at the database level. By leveraging the Oracle Redo-log, iReflect provides high performance while ensuring data integrity and accuracy.

### REAL-TIME DATABASE-LEVEL MIRRORING

Changes to the source Oracle database are mirrored in real-time with near zero latency to ensure maximum uptime and availability with minimal human intervention.

### REAL-TIME AUTO-REGISTRATION

Generic specifiers can be used so that the contents of new tables are replicated automatically to the recovery database. Auto-registration saves time and resources by automating tasks that would otherwise need to be performed manually.

### EVENT-DRIVEN STATUS MONITOR

Interactive, real-time inquiry screens display current activities while historical replication statistics are tracked for trend analysis. Multiple views allow you to see relationships between object specifiers, groups and target systems as well as monitor replication on both the source and recovery systems.

### FLEXIBLE CHECKPOINT USER EXITS

Automated checkpoint processing maximizes data integrity and simplifies common administrative tasks such as running backups on the recovery system.

### INTUITIVE JAVA GRAPHICAL USER INTERFACE

iReflect's 100% Java-based GUI offers point-and-click flexibility for configuring and administering the high availability environment.

## BUSINESS BENEFITS

Human error has been cited as the chief cause of downtime. The ability to automatically invoke operational switching with minimal human intervention helps to ensure maximum uptime and a smooth, seamless return to normal business operations.

In an Oracle high availability environment, performance equals availability. iReflect's real-time, log-based replication ensures high performance mirroring between primary and recovery systems. This helps companies achieve near zero latency for backup and recovery so that critical data is where it needs to be for recovery in the event of an outage.

iReflect provides data availability when you need it most with maximum uptime, speed and performance. Data is replicated at the database level, ensuring that block corruption is not propagated. This ensures data integrity and minimizes exposure to system downtime.

This feature reduces administration costs while maintaining the integrity and accuracy of data transactions. Auto-registration also maximizes application resiliency by ensuring that any changes, adds or deletes made to an application's Oracle data store are automatically mirrored to the recovery system, making businesses much less vulnerable to data loss or corruption.

The ability to monitor Oracle systems and ensure the performance of continuous mirroring operations delivers enhanced peace-of-mind for administrators and business leaders. Comprehensive monitoring along with alarms and alerts can result in faster implementation and lower administration costs.

Users have the flexibility to easily accommodate day-to-day requirements which results in enhanced operational efficiency and lower maintenance costs.

The portability and platform independence of Java helps iReflect maximize flexibility and ease-of-use while dramatically reducing total cost of ownership.

## ABOUT DATAMIRROR

DataMirror (Nasdaq: DMCX; TSE: DMC) delivers solutions that let customers integrate data across their enterprises. DataMirror's comprehensive family of products unlocks *the experience of now™* by providing advanced real-time capture, transform and flow (CTF) technology that gives customers the instant data access, integration and availability they demand today across all computers in their business. Over 1,500 companies use DataMirror to integrate their data. Real-time data drives all business. DataMirror is headquartered in Toronto, Canada and has offices worldwide. DataMirror has been ranked in the Deloitte and Touche Fast 500 as one of the fastest growing technology companies in North America.

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