

# Shadowbase®

## Data Replication Solutions



- **Business Continuity**
  - Disaster Recovery
  - Sizzling-Hot-Takeover
  - Active/Active
- **Zero Downtime Migrations**
  - Eliminate Planned Downtime
- **Master Data Management**
  - Real-Time Data Integration
  - Data Warehouse Feeds
  - Real-Time Business Intelligence
  - Customer Data Integration

**G**raVic's Shadowbase Products Group leads the market in providing database replication solutions ever since the 1984 release of the TMF Auditor product, the first online replication product of its kind. Today, GraVic continues to push the technological evolution of database replication solutions with its patented flagship Shadowbase line of replication solutions for the business continuity, data integration, and data synchronization markets.

For more information on our  
Data Replication Solutions please visit  
[www.gravic.com/shadowbase](http://www.gravic.com/shadowbase)

## Data Replication Solutions

- **Business Continuity & Active/Active**

Gravic's patented bi-directional replication technology provides the highest level of disaster tolerance available, enabling two or more simultaneously active systems within the architecture. Scale applications and databases across multiple physical nodes to create one logical system that can scale linearly and survive the failure of an entire node. The Shadowbase software provides continuous processing solutions for Oracle, MySQL, DB2, SQL Server, Sybase, and HP NonStop databases on UNIX, Linux, Windows, and NonStop platforms.

- **Disaster Recovery**

Load and maintain hot site backups of production databases for seamless recovery in the event of a primary system failure. The Shadowbase software also supports Sizzling-Hot-Takeover architectures where the backup node's application is running and ready to take over on a moment's notice.

- **Master Data Management**

Integrate application data with sub-second latency across two or more homogeneous or heterogeneous platforms and databases. Use uni-directional or bi-directional replication depending on the needs of your applications and projects. The Shadowbase software provides event-driven replication to support real-time processing as events occur.

- **Database, System, or Site Migrations with Zero Application Downtime**

Seamlessly migrate to new systems or sites, or upgrade your application, with minimal or zero application downtime. Keep the new databases synchronized with the old until all applications have been migrated to the new environment, avoiding the risk of the *big bang* cutover approach.

- **Real-Time Business Intelligence**

Integrate your operational systems with your business intelligence systems in real-time. Feed events from your operational applications as they occur into other decision-making subsystems, and optionally return the results of the analysis back into the operational system to control downstream processing.

- **Restoration of Corrupted Databases**

Selectively reapply lost or accidentally deleted data to restore the integrity of a database.

- **Test Database Creation and Refresh**

Create test databases from subsets of production data without interrupting production processing. Refresh the test databases as needed.

- **Audit Reporting**

Capture the application database changes so that you can review the before images, after images, and transaction details of what was modified and when.

- **Utility Uses**

Monitor all audited database activity, and selectively notify user applications when your data changes in important ways.

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