

# EnterpriseDB™ Replication Server

## PRODUCT OVERVIEW

*EnterpriseDB Advanced Server is an enterprise-class relational database management system (RDBMS) that runs applications written for Oracle®.*

*EnterpriseDB Advanced Server is based on PostgreSQL, the world's most advanced open source database, ensuring the world-class data integrity, security, and performance necessary for enterprise environments. In addition, the total cost of ownership (TCO) of an enterprise database solution powered by EnterpriseDB Advanced Server is only a small fraction of the TCO of a comparable Oracle-powered solution.*

*EnterpriseDB Advanced Server includes the Database Server, the Replication Server, and an integrated set of world-class tools for DBAs and developers.*

EnterpriseDB Replication Server replicates data across the enterprise in near real-time to meet a wide array of business challenges. Data can be replicated from EnterpriseDB, Oracle®, and PostgreSQL databases across distant geographies, complex enterprise data infrastructures, and heterogeneous operating platforms including Linux®, Solaris™, and Windows®.

## EnterpriseDB Replication Server enables enterprises to:

- Run reporting and other applications in Oracle environments at a fraction of Oracle's cost
- Ensure availability and seamless disaster recovery of critical database services
- Speed database performance
- Transfer data across heterogeneous data sources while maintaining transactional integrity
- Migrate to updated or upgraded versions of EnterpriseDB Advanced Server with virtually no database downtime or risk to data

## Key Features Include

- EnterpriseDB Replication Console, which enables the configuration, monitoring, and maintenance of multiple EnterpriseDB Replication Servers from a single graphical user interface
- The Database Pooling Connection Framework, which automates intelligent usage of database and network resources
- Single-master, multi-slave replication which enables the deployment of multiple warm standby databases, either locally or remotely
- Snapshot replication or scheduled incremental replication which provides increased flexibility

EnterpriseDB Replication Server is the cornerstone of cost-effective, enterprise-class solutions for:

- Reporting
- High Availability and Disaster Recovery
- Database Performance Enhancement
- Data Transfer



## Reporting

Running reports against a replicated EnterpriseDB Server rather than on the principal OLTP database can ensure that the principal application's performance is not degraded by the report queries. Similarly, a reporting application will run faster when not competing with the principal application.

Database replication for this purpose is particularly desirable in costly Oracle environments in which the purchase of additional Oracle licenses would be substantially more expensive than the deployment of EnterpriseDB Advanced Server.

## High Availability and Disaster Recovery

EnterpriseDB Replication Server can be configured to provide multiple warm standby databases at geographically remote backup locations, ensuring that critical data is preserved no matter what contingency may occur.

## Database Performance Enhancement

EnterpriseDB Replication Server can provide load balancing for applications such as high-volume dynamic web sites, increasing performance and predictability. Database replication can also reduce bandwidth usage and speed database queries. As an example, a head office's database may be replicated to multiple branch offices, increasing the performance at each office.

## Data Transfer

Database replication delivers data in near real-time across the enterprise while maintaining transactional integrity. Using EnterpriseDB Replication Server, data from heterogeneous data sources including EnterpriseDB, Oracle, and PostgreSQL databases on Linux, Solaris, and Windows platforms can be migrated, synchronized, and integrated.

## EnterpriseDB Advanced Server Updates and Upgrades

Enterprises can use EnterpriseDB Replication Server for hot redeployment of database applications onto updated or upgraded versions of EnterpriseDB Advanced Server, eliminating downtime and ensuring data integrity.

*For more information, visit [www.enterprisedb.com](http://www.enterprisedb.com) or call us at +1-732-331-1315.*

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*EnterpriseDB is an enterprise software company that develops the world's most affordable enterprise-class database. The company develops and supports EnterpriseDB Advanced Server, an enterprise-class relational database management system (RDBMS) that is built on PostgreSQL, the world's most advanced open source database. EnterpriseDB Advanced Server is compatible with Oracle applications, has the reliability and scalability necessary for high-volume, mission-critical enterprise use, and is very affordable. EnterpriseDB has offices throughout the world, including North America, Europe, and Asia. The company also provides PostgreSQL support and is the world's leading provider of enterprise-class PostgreSQL-based products and services. EnterpriseDB was founded in March 2004 and is headquartered in Iselin, N.J. For more information about EnterpriseDB and free downloads of EnterpriseDB Advanced Server, please call +1-732-331-1300 or visit [www.enterprisedb.com](http://www.enterprisedb.com).*