PERVASIVE

Pervasive DataExchange™

☑ **Protection against Data Loss**

☑ **Real-Time Backup Replication**

☑ **Multi-Database Data Synchronization**

Benefits:

- Increased application availability
- Reduced downtime and time to recovery
- Unified view of business data
- Improved data security with 128-bit encryption

Supported Platforms:

- Windows 2000
- Windows 2003
- Windows XP
- Windows Vista™

Supported Databases:

- Pervasive® PSQL™ v9
- Pervasive PSQL Summit™ v10

Reliably Move Data Between Databases

Pervasive® DataExchange™ offers two types of data replication solutions: real-time data backup of a single database and data synchronization between multiple applications. DataExchange provides a simple to use solution for securing and protecting your mission-critical data from application downtime and data loss.

Keep Business Data Secure and Organized

Pervasive DataExchange meets your most important data replication needs. DataExchange Real-Time Backup Edition can help reduce disaster-related downtime with a remote backup of key application data. DataExchange Data Synchronization Edition can help keep a consistent set of data across multiple applications.

Real-Time Backup Increases Application Availability

Quick recovery is essential to minimize business losses during an application outage. Pervasive DataExchange Real-Time Backup captures change events in the Pervasive PSQL database and replicates them to a secure remote always-available duplicate backup.

Pervasive DataExchange can help reduce:

- Hardware Failure – computer or disk crashes

- Site Disaster – floods, fires or power outages

- User and Application Errors – accidental deletions, OS or application errors

Pervasive DataExchange Real-Time Backup Edition helps reduce the recovery time in the event of a loss – no matter what the cause.

DataExchange Real-Time Backup Edition

Application Primary PSQL Database → DATA → Dx Replication Engine → DATA → Standby/Backup Application & PSQL Database

PERVASIVE Data Exchange™

Data Synchronization Enables a Unified View of the Business

When users and views of data are distributed, timely access to a common set of data is required for businesses to operate efficiently. Local and remote employees, different departments in an organization, customers, partners, and vendors often need access to the same information. This might involve multiple copies of the same application (point of sale), or common data in several different applications (catalog, inventory, support). Without data synchronization, users' views of the business will differ, resulting in miscommunication or poor decision making.

Pervasive DataExchange simplifies database synchronization by:

- Sharing Data Across Multiple Applications –
  Providing the tools to set up and maintain a real-time data sharing network.

- Supporting Multiple Types of Replication –
  Pervasive DataExchange supports hub-and-spoke and peer-to-peer replication topologies and allows sites to subscribe to data at other sites.
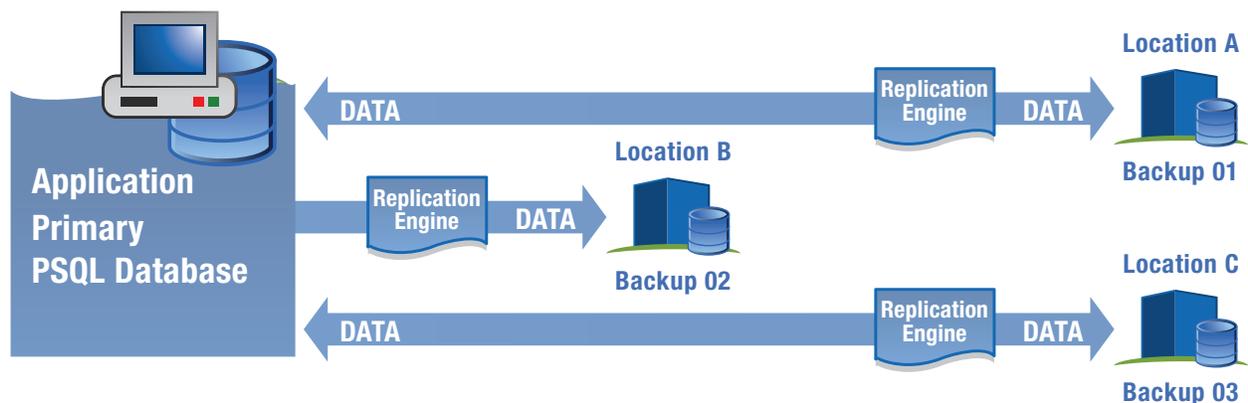
- Detecting and Resolving Conflicts –
  Pervasive DataExchange has default and user-definable conflict resolution rules.

- Encrypting Communication –
  All communication between Pervasive PSQL servers is encrypted with a 128-bit key.

Pervasive DataExchange Technology

Pervasive DataExchange captures and shares changes from one Pervasive PSQL database to another by adding two software components to the database: Replication Event Handler and Replication Engine.

- Replication Event Handler plugs into the Pervasive PSQL database engine and logs inserts, updates and deletes.

- Replication Engine reads the tables created by the Event Handler and identifies records changed since the last replication session.

- Changes are grouped into packets and shared with other replication engines participating in a Pervasive DataExchange network.

DataExchange Data Synchronization Edition

Application Primary PSQL Database

DATA — Replication Engine — DATA — Location A / Backup 01

Replication Engine — DATA — Location B / Backup 02

DATA — Replication Engine — DATA — Location C / Backup 03

About Pervasive Software

Pervasive Software is a global value leader in data infrastructure software. The company's award-winning products enable customers to manage, integrate, analyze and secure their critical data, providing the industry's best combination of performance, reliability and cost. Pervasive has a diverse customer base, serving tens of thousands in nearly every market around the world. With headquarters in Austin, Texas, Pervasive was founded in 1994 and sells its products into more than 150 countries.

More Info

- To learn more about Pervasive Software and our solutions, please visit **www.pervasive.com**.
- Customer Interaction Center: For Belgium, France, Germany, Italy, Luxembourg, The Netherlands, Spain, Sweden, Switzerland and the United Kingdom, call **+800.12.12.34.34**. For any other European, Middle Eastern, African or Asian country (excluding Japan), call **+32.70.23.37.61**.

For Japan, please call **+81.3.3293.5300**, or visit **www.pervasive.co.jp**.
- To reach the North American sales office, call **1.800.287.4383**, **extension 2**.
- For Latin, Central and South America, Australia and New Zealand, call **+1.512.231.6000**.