



# DBMoto™

## Real-time data replication

Welcome to DBMoto, data replication and transformation for your enterprise server and desktop needs. More than ever before, today's business applications depend on data from multiple databases. Whether deploying applications to provide customers with real-time answers, suppliers with time-critical production requirements, or management with the latest metric and financial reports, key data comes from your core relational databases. These databases also need to move data between platforms. Fast data delivery between relational database platforms yields better performing applications. DBMoto does all this and more!

Achieving efficient data delivery with enterprise-sized data requires expertise in the database server environments. Since 1994, HiT Software has delivered relational data access products, and DBMoto incorporates our proven access technology to ensure high performance yet minimally intrusive data replication.

### Real-Time Data Replication

DBMoto was specifically designed to replicate data between databases in "refresh," "mirroring" or "synchronization" modes. All three modes deliver data as required for applications and users. DBMoto's Enterprise Manager includes Wizards that help you easily create metadata databases, connect to and identify source and target databases, create target tables, and setup replication processes. Replication mapping and rules are maintained in a metadata database that can be stored on any database platform. DBMoto's Enterprise Manager offers a graphical point-and-click interface that makes it easy to drill down into databases, tables, and columns to understand data elements.

In refresh mode, DBMoto reads a large amount of data, applies administrator-defined mapping rules, and writes the result on the target database. Mirroring performs a real-time incremental replication based on journal/log management. Synchronization mode provides a way for sites to merge, or synchronize, data incrementally using DBMoto's bi-directional mirroring capabilities. Should either the source or target databases become unavailable, an automatic recovery mechanism is initiated. For management and auditing, DBMoto can record replication activity into a specialized log or the Windows Event log.

### Unmatched Replication and Transformation Control

With DBMoto, users define data replication and transformations by applying business rules and mapping. Unlike other solutions, DBMoto offers unlimited control over data replication and transformation using Microsoft VBScript technology. DBMoto supports two mapping methods: automatic mapping, where source field values are duplicated, and manual mapping. Both methods can be optionally controlled via VBScript. DBMoto also includes a powerful expression generator for interactive data transformation.

A key advantage of DBMoto is data delivery and transformation control via VBScript and events independent of the associated databases. DBMoto automatically generates replication events during operation. Administrators can define response to these events with the VBScript.

DBMoto also includes a Windows environment accessible object class that provides detailed control of source and target data during replication. The object properties and methods give users control to perform source or target table lookups, append log activity, and update target tables. All information retrieved from transaction logs, such as user, date and time, device, etc., is available within the class object.

- Databases supported
- IBM DB2
  - Microsoft SQL server
  - Oracle
  - MySQL
  - Sybase
  - Access
  - Gupta SQLBase



**No Programming Required  
on Source or Target Databases**

Though optionally extendable on a middle tier Windows platform, DBMoto does not require any programming on the source or target database platforms: no programming needed on the source database; no stored procedures to develop; and no proprietary syntax to learn.

**Database Sources Supported**

IBM iSeries and AS/400  
Microsoft SQL Server  
Oracle

**Database Targets Supported**

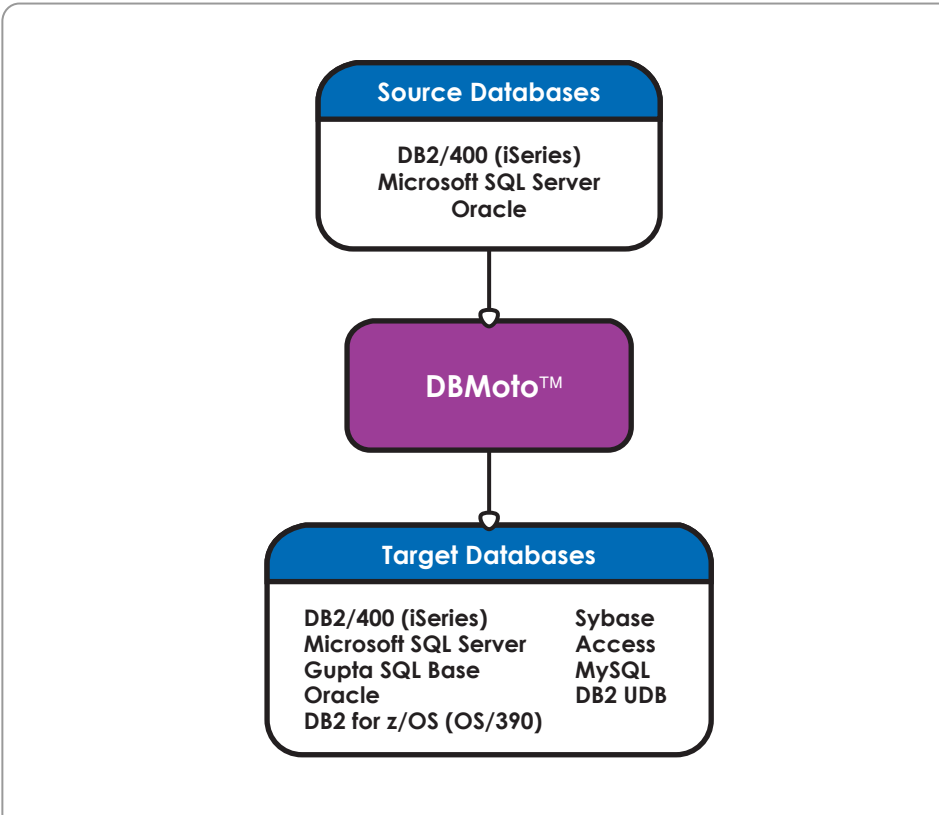
IBM iSeries and AS/400 V3R1 and later  
Microsoft SQL Server v6.5 or later  
(v7.0 for source table replication)  
Oracle v8 and later  
DB2 for zOS (OS/390) v5 and later  
DB2 for Windows v5 and later  
DB2 for AIX, Linux, HP/UX, Solaris v5 and later  
MySQL v3.23 and later  
Sybase v12.50 and later  
Access 97 and later  
Gupta SQLBase Server v8.5.0

**System Requirements**

PC Server  
Windows 2003/2000/NT Server

**Key Features**

- Support for all major database platforms such as IBM DB2 UDB (including iSeries/AS400 and zOS), Oracle, Microsoft SQL Server and Access, Sybase Adaptive Server Enterprise, MySQL and Gupta SQLBase
- Replication modes: refresh, mirroring, synchronization
- Administrative wizards for fast, easy configuration and setup
- No programming needed on source or target database platforms
- Full customization via Microsoft VBScript and event driven environment
- Built-in transformation functions, with custom functions definable at any time
- Remote accessibility of Enterprise Manager for centralized configuration and management
- Extensive internal and Windows log reporting and accessibility
- Object oriented data access on both source and target databases
- Automatic creation of target tables
- Configuration and management of entire replication process from Windows platform
- User-friendly graphical interface and platform



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**HiT SOFTWARE**  
Open Up Your Data