

# DBmotion helps HP e3000 customers migrate Turbolimage, KSAM & flat file databases to Oracle or SQL Server in UNIX or Windows environments.

### The Challenge:

#### Easy but Powerful Database Migration

You're migrating to a new operating system, maybe even a different platform. But you need to take your data and applications with you — and that often means not just transferring your databases but migrating to a new DBMS. You need a database migration solution that is quick and easy to use but also powerful enough to handle the intricacies of the different DBMSs yet flexible enough to let you maintain control over the entire process. Plus, as always, it must be cost-effective.

### The Solution . . . DBmotion

Fresche Legacy's DBmotion is an affordable database migration tool that has been specifically designed to help HP e3000 customers migrate their Turbolimage, KSAM or flat file databases to Oracle or SQL Server on Windows or HP-UX environments. DBmotion automates most of the conversion process, saving you time and effort. Its features and its underlying methodology are based on years of real-life database migration experience. What's more, with its affordable lease-based pricing, DBmotion is an attractive option for both businesses and consultants since they can decide when they require the tool and pay for it only on an as-needed basis.

### Automated Database Migration

DBmotion simplifies many of the tedious tasks involved in migrating databases. It understands HP e3000 native database concepts and provides default target database mapping suggestions. It even warns you of errors that may occur if you make your own changes to data type or precision.

### Control over Migration Process

DBmotion gives you full control over the migration process, while still providing the benefits of an automated tool. You can manage files and item mapping right down to details such as data type and byte size.

### Migration Flexibility

Arrays, dates, nulls — these are a few concepts which are treated differently in Turbolimage compared to relational databases. DBmotion converts all these items effortlessly: it offers no less than three methods of array conversions, it automatically converts date items to a data type of your choice and it lets you specify which columns should be null-allowed. DBmotion's intuitive interface and sophisticated dialogs ease the migration process.

### DBmotion Features

- Migration time estimation: DBmotion simplifies one of the most difficult aspects of migrating a database. It's reporting grid and time estimation engine allow you to decide how many files to copy and calculates the time required to do so.
- Record layout description: Since KSAM and flat files are not self-describing, DBmotion describes their record layout so that it may be replicated in your target database.
- Merge multiple databases: Merge several source databases, including KSAM and flat files, into one target database — making database access more efficient.

- Increased data transfer rates: DBmotion optimizes data transfer and performs bulk updates, minimizing migration time.
- Complete control: You can decide which files to replicate as well as the number of records to copy, so you can test your database migration at your own pace.
- Tablespace management: Control the disk or partition location of your large database tables or indexes.
- Search-and-replace: DBmotion's powerful search-and-replace feature permits mass updates on file and item names, including case, prefix and suffix changes.
- Detachable client capability: DBmotion allows you to start any number of database migrations, detach yourself from the copy process running on the server, and simply reconnect to the process when you are ready.
- Different migration scenarios: DBmotion enables the creation of migration instances, each with its own properties and mapping attributes, to quickly assess different migration paths.
- Time & money savings for Speedware/4GL customers: It is easy to update Speedware/4GL applications because DBmotion automatically creates new catalog definitions.

#### **Platforms**

Client: Windows  
Server: MPE/iX, HP-UX, Windows

#### **Databases and Versions**

MPE-iX: TurboIMAGE/XL, KSAM-XL, KSAM, flat files  
HP-UX: Oracle  
Windows: SQL Server, Oracle  
Omnidex

#### **Benefits**

##### ■ **Increased productivity**

DBmotion eliminates much of the tedious manual work involved in database migrations, yet allows you to retain full control over the process at all time.

##### ■ **Designed for HP e3000 customers**

DBmotion is based on Fresche's extensive experience with HP e3000 database migration.

##### ■ **Minimize risk**

DBmotion minimizes the risks of manual migration because it understands HP e3000 database concepts and provides mapping suggestions.

##### ■ **The right tool for the job**

DBmotion is powerful, rapid and cost-effective.

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## **About Fresche Legacy**

Fresche Legacy (formerly Speedware) modernizes legacy applications and manages legacy environments. With more than 30 years in the industry, and a client list of top Fortune 500 companies, Fresche helps companies align IT with key business goals to increase financial performance, improve market competitiveness, remove risk and add value. We re-host, re-write and re-architect business-critical applications where needed, plus we have the knowledge and experience to plan, manage and support the entire process. We handle the full lifecycle of your project from concept to maintenance, and with our disciplined and unique five-step methodology, we ensure success on every project.