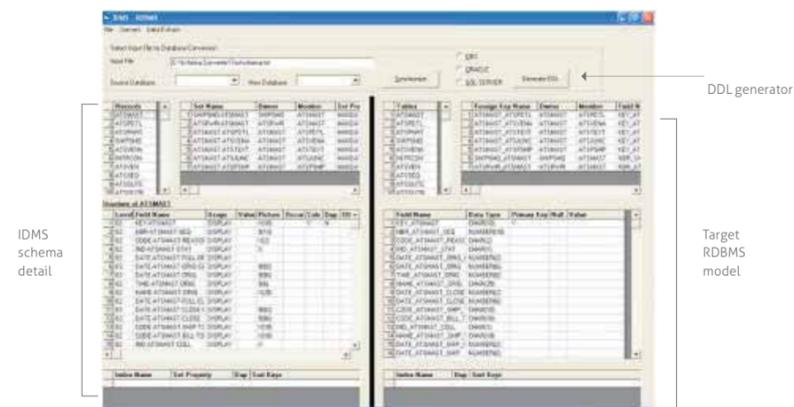


Product overview

When you're traveling, it's a smart choice to choose the fastest, safest and the most efficient vehicle. The objective is to reach a destination sooner and de-risk the journey.

When migrating from an IDMS to RDBMS platform, you need to ensure that you have de-risked the migration journey as much as possible. A proven methodology to de-risk this is by automating the migration process as much as possible. Mindtree's D-MIGRATE™ tool is designed to precisely address this. D-MIGRATE™ is designed to empower your IT resources to be able to execute a full database migration without the need for manual or semi-automated migration resources.

Considering the massive planning and architecture that is a part of your IDMS systems migration, a manual-based migration is perhaps not the best approach. Mindtree's D-MIGRATE™ is a top-of-the-line, highly efficient and automated solution for migrating IDMS database on IBM Mainframe to any RDBMS. The data structure is migrated to a relational model, keeping all the connections and dependencies, while enabling excellent performance.

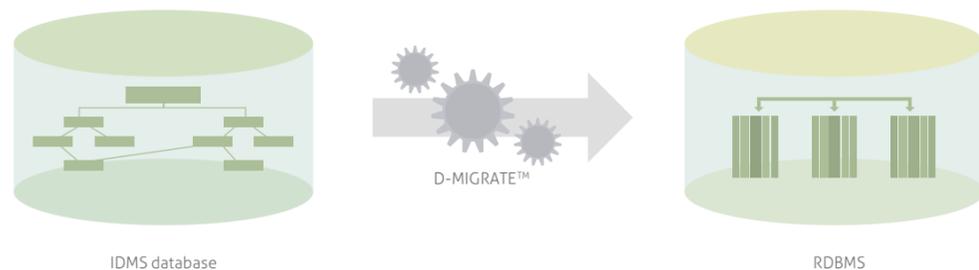


Interactive GUI of D-MIGRATE™ for IDMS to RDBMS systems

Key features of D-MIGRATE™

- Schema conversion: Creation of RDBMS (Oracle, DB2, SQL Server) DDLs from the IDMS schema report
- Data migration: Generates the data migration scripts (COBOL-IDMS programs) based on the target RDBMS model (these scripts will be executed in the IDMS region and will unload the existing data)
- Data validation and verification: D-MIGRATE™ will generate scripts which will provide the audit trail reports and referential integrity checks
- Generates JCLs to run the above generated programs

* Please refer to the addendum overleaf



Key benefits of D-MIGRATE™

Business benefits

- Provides cost-effective and speedy migration
- Eliminates the IT resources problem
- Uses proven automated tools; thereby mitigating many of the project risks
- Provides a complete solution for database modernization
- Utilizes Mindtree's extensive experience with mainframe modernization projects

Technical benefits

- Enables close to 100% automated migration, with minimum manual intervention
- Migrates IDMS objects; retaining all the data elements and connections between them
- Provides modern RDBMS environment
- Audit trail reports for validation and verification of migrated data

Additional services

In addition to D-MIGRATE™, Mindtree's tried, tested and proven methodology for modernization projects reduces cost of rewriting code, code freeze, and other risks involved in developing the system. Mindtree IDMS suite of tools helps automate the following:

- JCL convertor for adopting the existing JCLs to RDBMS environment
 - Automated toolset to upgrade application programs to access target RDBMS database
- * Please refer to the addendum overleaf

Key benefits

Business benefits

- Makes application enhancement easier
- Provides solution for language and platform migration
- Provides cost-effective migration

Technical benefits

- Enables reuse of existing and proven logic and business rules
- Provides flexibility to developers to enhance and maintain the application programs using both IDMS access statements and SQL statements or a combination of both

Scenarios of applicability

Pure DB migration (IDMS to RDBMS)
(No platform and application change)

- Usage of D-MIGRATE™
- Additional services

DB and platform migration for re-hosting to newer platforms
(No application change)

- Usage of D-MIGRATE™
- Additional services
- In-house migration tools

Application, DB, and platform migrations involving rewrites

- Usage of D-MIGRATE™
- In-house migration tools

Addendum

D-MIGRATE™

- DDL creation
 - Generates DDL for Oracle, DB2 and SQL server from IDMS schema
- Data migration
 - The tool generates COBOL IDMS programs with equivalent JCLs that will unload the data from IDMS database. The unload will happen based on the target RDBMS model
 - Generates COBOL programs and equivalent JCLs that will verify and validate the data uploaded