

# Mantis Migration Solution



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## Overview

The MigrationWare Mantis conversion solution enables the automated conversion of Mantis applications into applications written in equivalent COBOL code with an exceptionally high degree of accuracy.

One of the key features of the solution is its ability to deal with many of the Mantis nuances that ordinarily find no direct equivalence outside of the Mantis framework. The revised applications in the COBOL environment not only provide the same functionality as the previous Mantis environment, but generally perform more efficiently, at a lower cost, with a higher degree of accuracy.

MigrationWare's Mantis conversion technology has been deployed on several large scale projects around the world that have resulted in the conversion to COBOL of many thousands of Mantis programs.

### Practically how it works:

The code is converted to Pseudo-conversational COBOL/CICS code designed to execute in any COBOL supported environment including the mainframe, Windows, UNIX and Linux. The code executes without any runtime dependencies and as a result there are no additional license costs attached to the code maintenance once it's converted.

Where Supra is being used in conjunction with Mantis, it can optionally be converted to any of the main stream relational databases (RDBMS) which include DB2, Oracle and SQL Server.

The MigrationWare approach to the conversion of Supra would be undertaken against the converted COBOL code and would deal with the conversion of data structures to RDBMS format as well as all references to Supra embedded within the COBOL code.

All converted code is delivered in COBOL source code format which is designed to support all Mantis features by means of standard COBOL syntax including complex

features such as automatic mapping; dynamic run-time execution and dynamic field attribute allocation amongst others.

## Benefits

There are significant benefits to be derived from a migration to technically strategic environment that serve to protect the business from the rapidly changing world of information technology.

The move to COBOL is beneficial because of COBOL's continued dominance of large scale application systems development globally and the continued availability of skilled resources as well and support within leading edge technical innovations and developments.

COBOL is without parallel in terms of its interoperability, portability and scalability, as well as in the availability of third party tools to enhance application understanding and productivity.

As a "burning platform" Mantis users are exposed to rapidly increasing ownership costs at the same time as they are exposed to a rapidly shrinking resource pool. This combination of factors, poses a very real and substantial risk to existing Mantis users and businesses that depend on this technology.

This risk can be decisively dealt with by speedily and cost effectively migrating the Mantis applications to a COBOL/CICS environment.

## Key features

- Close to 100 percent automatic translation.
- Conversion of conversational Mantis to Pseudo Conversational COBOL/CICS.
- Automatically reproduces Mantis like behaviour ensuring seamless integration with other systems.
- Conversion of Supra to DB2, Oracle or SQL Server.
- Automatically handles
  - Multi map screens.
  - Automatic mapping.

- Prompt screens.
- Printer maps.
- Supports deployment of converted code to both EBCDIC and ASCII environments.
- No black boxes or run-time dependencies.
- No license or maintenance fees

### Conversion execution

MigrationWare can either perform the conversion on behalf of the organisation or provide the solution to the client or a partner to convert the code.

When MigrationWare performs the conversion, the Mantis and Supra code is delivered to MigrationWare. The Mantis programs are automatically converted into clean compiling COBOL programs that are then returned to the customer for subsequent testing and implementation.

Should any issues surface, which require MigrationWare's involvement, MigrationWare will remain active in a support role throughout the testing phase.

### Pricing

Each project is unique with differing requirements volumes, schedules and deadlines. It is therefore usually impossible to supply a fixed pricing structure.

A final quote is only provided after initial interaction with the client and when MigrationWare has fully understood the scope of the project and the client's required involvement from MigrationWare.

### About us

MigrationWare specialises in modernising legacy code and aging IT infrastructure by transforming and extending existing valuable investments in IT onto contemporary, open, more cost-effective environments or software languages. Through its commitment to automating the conversion and migration process, MigrationWare reduces to a minimum the costs and risks associated with IT rejuvenation projects.

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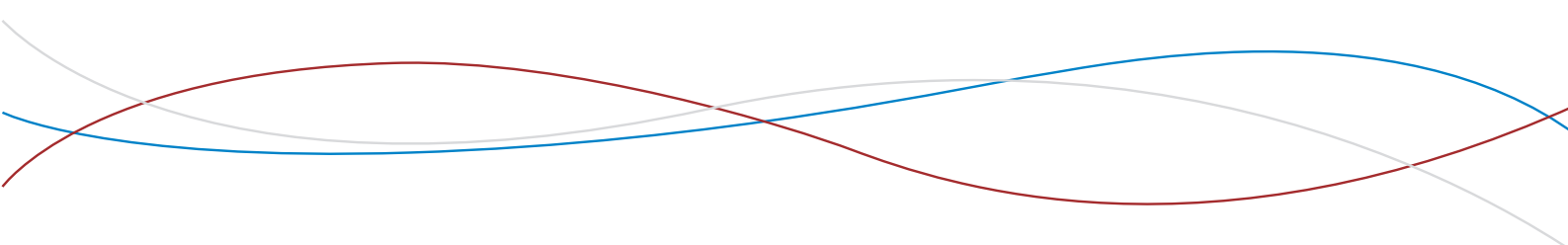
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