

CA Ideal Migration Solution



Migrate your CA Ideal/Datacom applications with accuracy and certainty of a successful result.

Overview

Organisations with investments in applications developed using CA Ideal/Datacom are being forced to consider the future of these applications and whether they should be replaced or rewritten in order to address the inherent risk associated with continuing to run business critical systems on technology that is fast approaching extinction.

Challenges include rising support costs and a shrinking skills base. Organisations with valuable applications developed using CA Ideal/Datacom, therefore face an increasing risk to their business and should consider alternatives like migrating to another platform.

MigrationWare provides such a solution that allows for the preservation of the investments made in building these critical business systems, whilst removing the inherent risk associated with the use of CA Ideal/Datacom.

The MigrationWare solution is founded on the principles of automation technology that remove much of the risk and costs associated with technology migration projects. The CA Ideal conversion tools provide for a highly automated approach to CA Ideal/Datacom migrations that automatically deliver functionally equivalent COBOL code executing against a leading relational database that is well structured and highly maintainable. Because of the high degree of automation, the speed and accuracy of the conversion is exceptionally high, ensuring cost efficient and risk free migration projects.

Once converted the code inherits all the benefits of portability and extensibility provided by COBOL, as well as the benefits provided by the well represented body of third party vendors that supply application understanding, productivity and deployment products targeting COBOL applications.

The converted code is delivered entirely in source code with no run-time dependencies helping to ensure no additional costs are incurred and also ensuring the complete freedom of the system owners to undertake technical developments in any chosen direction independent of third party support.

Benefits

The replacement of CA Ideal with COBOL ensures that the application continues to add value, and can continue to play a critical role in the functioning of business without the organisation needing to make a further investment to replace the mission critical application.

The replacement of Datacom with an open relational DBMS ensures that availability of the data, and removes the inherent risk associated with the continued dependence on a rapidly disappearing technology.

The choice of COBOL as the replacement technology means that the converted code benefits from COBOL's renowned high performance, maintainability and portability across all contemporary platforms. The choice of COBOL also ensures the continued availability of skills and support from a wide ranging body of third party vendors.

The converted code can optionally be delivered in a restructured form that executes pseudo-conversationally adding to the potential choices for deployment of the converted systems allowing them to front web interfaces and web services.

The MigrationWare solution is delivered in COBOL source code format with no run-time dependencies. Once converted, there are no additional licence fees to be incurred and as such there are significant cost benefits to be derived.

Key features

- Close to 100% automatic translation.
- Where DATACOM is used with CA Ideal, this can also be automatically converted to an RDBMS of choice
- For online application CA Ideal is converted to COBOL/CICS
- All CA Ideal reports are converted to standard COBOL syntax that provides functional equivalent results.
- Automatically addresses the conversion of intrinsic functions, replacing these with platform independent supported alternatives.

- Supports deployment onto 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 CA Ideal/Datacom code is delivered to MigrationWare. It is then converted to a clean compiling COBOL/SQL program. The converted program(s) are then returned to the customer for subsequent testing and implementation.

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

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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