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**Convert/IDMS-DC** is a fully automated migration solution that converts IDMS-DC programs into ready-to-test CICS command level programs that are functionally identical to their IDMS-DC counterparts.

Convert/IDMS-DC parses the programs, OLM maps, edit/code tables and map records, then generates functionally equivalent CICS programs and related components. With n-tier architecture, all map logic is contained in separate programs that can be easily replaced if the TP monitor changes in the future.

It supports a variety of user interfaces in the target environment including mainframe CICS, the TXSeries for AIX, Windows, Solaris, HP-UX, and other transaction servers (UNIXIX, MicroFocus CICS Option).

Convert/IDMS-DC's key differentiators include:

- The converted application uses no 'black box' tools or run-time routines that need to be licensed after the migration is complete.
- The COBOL generated by Convert/IDMS-DC uses industry standard programming techniques - no strange **recursive calls** or other seldom-used and mis-understood programming methods.
- It generates 100% pseudo-conversational programs – no exceptions.

Forecross leaves its clients with no future dependence on IDMS programming expertise. Convert/IDMS-DC is a proven, automated

solution that is well documented. No additional vendor support or ongoing maintenance fees are required

### Conversion Output

All IDMS-DC components are converted to equivalent CICS components:

- IDMS-DC programs become CICS command level programs
- Work records become COBOL copy members
- OLM maps become BMS or SDF maps
- MAP work records become COBOL copy members
- IDD Edit and Code tables become SQL table data

### Customization Options

Convert/IDMS-DC provides for a variety of user customization options, including:

- Renaming of programs, maps and other components
- Whether COBOL PERFORM statements are to be generated as PERFORM sectionname or as PERFORM paragraphname THRU paragraphname-EXIT
- The type of library control cards to be used for COBOL programs, copy members and generated maps (IEBUPDTE, CA-Librarian, CA-Endevor, etc.)



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**Benefits**

Pressure to reduce IT costs and deliver more value is constant. Paying multiple license fees for redundant DBMS or TP technologies and keeping qualified staff who know these sunsetting technologies is costly. Many legacy applications are still getting the job done, so redeveloping them from scratch, especially when subject matter experts are about to retire, cannot be cost-justified. Automated legacy modernization is key to solving this problem.

By converting legacy mainframe applications from IDMS-DC to CICS you are able to:

- Minimize reliance on scarce (often expensive) trained personnel – thereby reducing application maintenance costs
- Eliminate escalating (often redundant) software license fees
- Enhance application portability

Key benefits of using Convert/IDMS-DC include:

- **Partnering with the Best** – Forecross has the best migration software, experience and methodology, along with the most complete end-to-end automation for IDMS-DC to CICS migrations.
- **Reduced Time** – by leveraging the benefits of automation. This reduces client personnel costs, increases project personnel focus on quality results, and enables application maintenance to continue with minimal disruption

- **Reduced Risk** – by ensuring that, through automation, all program functionality is moved completely and accurately to the new environment.
- **Reduced Cost** – automation, and expertise in applying it, will result in a project of higher accuracy in a shorter duration. Direct vendor fees and internal staffing costs are reduced accordingly.

**Forecross Software Solutions**

*Redeployment Solutions:*

**Languages:**

From: ADS/O, PL/I, COBOL, CSP, IMSADF II

To: COBOL, C# .NET, VB .NET, IBM EGL (Java), .NET COBOL

**User Interfaces:**

From: IDMS-DC, IMS-DC

To: CICS including mainframe CICS, the TXSeries for AIX, Windows, Solaris, HP-UX, other transaction servers (UNIKIX, MicroFocus CICS Option)

**Database Platforms:**

From: IDMS, IMS, VSAM

To: DB2, Oracle, SQL Server

*Solution Enhancement Tools:*

I/O Navigator

Data Evaluator

DBAdvisor

TestSentinel

*XML Solutions:*

L2X SmartXML Series



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