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**Convert/ADSO** is a fully automated migration solution that converts ADSO dialogs into ready-to-test COBOL programs that are functionally identical to their ADSO counterparts. With code quality that's second to none, the converted programs are free of the maintenance and performance nightmares often seen with other vendors' results. For example:

- 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/ADSO 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.
- The ADSO language supports complex loops and screen display combination that can wreak havoc for most vendors' ADSO conversion tools when they try to convert the code into pseudo-conversational CICS COBOL. But, complex logic such as this and the many other rich features of ADSO are no problem for Convert/ADSO to translate into easy-to-maintain CICS COBOL. Forecross leaves its clients with no future dependence on ADSO programming expertise.

Convert/ADSO is a proven, automated solution that is well documented. No additional vendor support, ongoing maintenance fees or license renewal fees are required.

## Conversion Output

Convert/ADSO parses all ADSO components and generates the COBOL code needed to emulate both the explicit ADSO premap / response logic, and the timing, editing and other components of the ADSO run-time environment necessary for the converted programs to function in an equivalent manner in CICS.

Convert/ADSO 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 (UNIKIX, MicroFocus CICS Option).

All ADSO components are converted to equivalent COBOL components:

- ADSO dialogs and their associated processes become CICS command level COBOL 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
- INCLUDE modules become COBOL copy members
- ADS/A tables become SQL table data



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## Customization Options

Convert/ADSO provides for a variety of user customization options, including:

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

## Benefits

Pressure to reduce IT costs and deliver more value is constant. Paying multiple license fees for redundant DBMS or TP platforms 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 ADSO to COBOL, 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/ADSO for your ADSO to COBOL conversion include:

- **Partnering with the Best** – Forecross has the best migration software, experience and methodology, along with the most complete end-to-end automation for ADSO to COBOL 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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