MODERNSYSTEMS

Replatforming with Application Transparency Platform (ATP®)

Replatform Natural & Replace ADABAS

- Replace Adabas with relational database technology
- Reduce license costs
- Retain Natural team skills
- Preserve business rules
- Perform instant impact analysis
- Keep documentation up-to-date
- Comply with Sarbanes-Oxley
- Make the transition seamless:
  - No business team impact
  - No end-user re-training
  - Minimal tech education
- Improve Natural development:
  - Debugger
  - Version control
  - Dual run-time mode
  - WYSIWYG maps/screens
  - Deployment tracking
- Modernization path to the web

The Application Transparency Platform® (ATP®) is a revolutionary Natural Adabas Replatforming solution that provides an end-to-end strategic solution for lower license costs, higher productivity and full preservation of your legacy assets and business rules. As an alternative to the re-engineering and conversion solutions available for Natural and Adabas, ATP dramatically reduces the time frame for the replacement cycle and accelerates return on investment.

The ATP process automatically transforms your Adabas databases and data to the relational database of your choice—DB2, SQL Server or Oracle—and processes Natural code as an ATP Language (ATPL™) on Windows. It allows you to move Natural applications without changes from your current mainframe environment to the less expensive, more robust ATP environment thus eliminating costly maintenance/license fees and reducing mainframe workload. Since ATP flawlessly interprets and executes each Natural command, your Natural applications can execute against the new relational database without changes to the current Natural syntax.

Furthermore, ATP supports automated conversion to C# or COBOL through a simple right-click, SaveAs function. This is an industry first- bringing automated conversion to the end user. Using this feature, it is possible to maintain the Natural, but choose to have the actual syntax converted to C# or COBOL at the time the syntax is saved by the developer. Once saved, the newly converted code is functionally equivalent to the legacy Natural syntax. This feature enables the best of both worlds; re-use the developers' existing skill sets in Natural, and their extensive knowledge of the applications, while deploying as C# (providing the benefit from the deployment of web apps running natively) or COBOL (where it is possible to execute the applications on any platform).

ATP also includes a full-featured new GUI development platform that includes Natural code analysis, flow diagramming, impact analysis, pattern matching, version comparison and interactive debugging. Your Natural development team can continue to develop and maintain your applications with the support of modern development tools.

Benefits

ATP gives you the freedom to choose a new platform without the high cost and long project timeframes associated with other solutions.

- Reduce or eliminate mainframe costs with a short-term project that provides fast ROI
- Eliminate expensive maintenance/license fees
- Retain your Natural applications, expertise and skilled teams
- Upgrade your technology and computing platform without impacting your business
- Replace Adabas with industry-standard easy-to-access relational databases
- Add off-the-shelf RDBMS reporting, query and business intelligence tools

Replatforming with Application Transparency Platform (ATP®)

ATPconvert

Relational Database Technology

The fully automated ATPconvert™ process refactors your Adabas databases to the new database technology of your choice: SQL Server, Oracle or DB2. The ATPconvert process includes the generation of the new database definitions, population of the tables with the current Adabas data and allows for data cleansing activities.

Your re-hosted Natural applications seamlessly process against the new relational databases without modification using the ATP runtime. Your modern web applications can access the relational databases directly, allowing you to benefit from industry-standard SQL-based reporting, query and business intelligence tools.

ATPaccess

Business User Transparency

ATPaccess™ allows you to replatform your applications without affecting your business team's user experience. The functionality remains the same so no training is required. All screens retain the same look and feel. Even the keystrokes, tabbing and PF-keys remain unchanged. It is easy to update the default colors and backgrounds, but user interface changes are optional.

ATPlanguage

Natural Replatform to ATPL™

Natural code is not converted for the ATP execution and no changes are required to access the new relational databases. The Natural development teams can continue to maintain and enhance the applications in a language they are accustomed to.

The current release of ATP provides the ability to replatform Natural without any change to the Natural syntax.

eavjes
JOB EXECUTION SUITE

Built-In Job Execution Suite

Our eavJES batch execution suite, an ancillary toolset within the ATP® replatforming environment, provides a job execution system for organizations who want to preserve their JCL and PROCS, and continue to maintain them even when they move off the mainframe.

Developers maintain the JCL and PROCS according to existing JCL rules. Execution results in the same actions, cataloging, restart, and recovery as on the mainframe. The Catalog is constantly monitored and maintained during job execution and can even allow command-line manipulation of datasets.

Developer Features

- Natural syntax is the same as the legacy language but is now easier to maintain with the ATPL Editor
- The WYSIWYG Map Editor allows the developer to drag and drop visual objects to build screens
- The Debugger includes setting of breakpoints and watch variables, as well as step-through mode
- eavZoom allows the developer to jump to the currently executing line of code from anywhere in the executing application for further analysis
- Fingertip Natural information includes flow charts, code paths, impact analysis and enterprise views
- Dual Run-Time Mode allows the developer to seamlessly test new application features by comparing results to the original code
- Developer Check In/Check Out/Undo Check Out and Version Tracking provide source code management
- Internal or Active Directory Security ensures that users only see what they are authorized to see