



# The EAM Modernization Insight

Unisys and Oracle join forces to help organizations clearly understand their options before embarking on a Modernization Project

## HIGHLIGHTS

### Examine your Business Drivers

- Cost reduction
- Increased agility
- Non-reliance on legacy skill sets
- Compliance

### Review your Options

- SOA Enablement to re-use existing legacy
- Re-Hosting for the fast move
- Automated Migration to change languages and databases
- COTS replacement to adopt new packages
- Re-architecting for total SOA

### Develop your Roadmap

- Map Business Drivers to Approaches
- Verify level of end user involvement
- Determine required Oracle Modernization Framework Components
- Determine any needed detailed assessment
- Evaluate modernization specialty partners

IT organizations are under increasing pressure to reduce costs and increase their ability to react to ongoing business demands. To achieve this they need to take advantage of an open systems Service-Oriented Architecture (SOA) that combines high-powered service-oriented infrastructure, grid-computing databases, application servers and SOA applications to reduce total cost of ownership, increase agility, and eliminate reliance on legacy skill sets.

However, these same organizations can no longer afford to discard what they have and just start over, a fact made even more apparent when one realizes that many organizations are not even sure of exactly what they have. Existing applications have become more than just computer systems; they are true business assets that incorporate business policy. No organization can afford to throw them away. In the meantime, the pressure to move to new, lower-cost, and more agile environments continues to grow.

The solution to this problem is IT modernization - preserving the business content of existing applications and IT assets while adopting more effective and lower cost IT technology. Working together, Unisys and Oracle have developed Enterprise Asset Modernization (EAM) as the complete modernization solution. But tackling modernization might appear to be a daunting task - until the EAM Modernization Insight.

### The EAM Modernization Insight

The EAM Modernization Insight provides corporate IT with a well-structured, business-driven approach to simplify the complexity of modernization. It includes a review of business drivers, current hardware and software infrastructure, and management policies and procedures. The Modernization Insight also assesses modernization options to determine the best approach to modernization for each application and/or technology, as well as how to best apply the Oracle Modernization Framework - a "hot pluggable" (products can be substituted) target architecture that addresses all types of modernization.

Following the Modernization Insight, the proposed options may include:

- ✓ SOA enabling applications: incorporating existing legacy code into modern environments by wrapping them in web-service interfaces in order to re-use existing legacy code in SOA environments.
- ✓ Re-hosting applications: shifting applications "as is" from legacy mainframes to Linux/UNIX to reduce legacy hardware and software costs. Re-hosted applications can also be further SOA enabled in order to re-use legacy COBOL and/or PL/1 components in a "mixed mode" with more modern J2EE applications based on Oracle Fusion Middleware.
- ✓ Automated migration of applications: transforming environments such as legacy 4th generation languages and legacy databases automatically into J2EE applications based on Oracle Fusion Middleware using Oracle Database 10g.

## FEATURES

### Modernization Insight

- Customized for your environment
- Evaluate Modernization approaches and determine cost/benefit of each
- Determine your specific Modernization Roadmap
- No charge and no obligation

### Enterprise Asset Modernization

- Comprehensive methodology for all types of Modernization
- Process-focused approach
- Superior program and project management
- Unparalleled technical depth and expertise in complex IT environments
- Worldwide delivery capabilities
- Incorporates 3<sup>rd</sup> party products

### Oracle Modernization Framework

- Mainframe-like quality of service
- Supports all modernization types
- "Hot-pluggable" supports product interchanging
- Based on Oracle Database, Oracle Fusion Middleware and Oracle Applications

## FOR MORE INFORMATION

For more information on Unisys EAM or to request an EAM Modernization Insight: [www.unisys.com/go/modernization](http://www.unisys.com/go/modernization)

For more information on Oracle Modernization:

General: [oracle.com/goto/modernization](http://oracle.com/goto/modernization)

OMF: [www.oracle.com/goto/omf](http://www.oracle.com/goto/omf)

✓ COTS replacement of applications: replacing legacy applications open systems applications such as Oracle e-Business Suite, PeopleSoft, JD Edwards and Siebel

✓ Re-architecting applications: extracting core business logic from applications and re-factoring the results to take maximum use of modern concepts such as SOA, process driven design and object oriented design.

### The Modernization Insight Process

The Unisys Oracle Modernization Insight is a flexible discovery process that can be customized to meet particular needs and objectives of each customer. Unisys and Oracle experts will interact with both business and enterprise IT management and staff to assist in developing a realistic overall strategy for evolving toward a highly standardized, virtualized, and automated infrastructure. Utilizing existing best practice resources and a wealth of discovery experience, the Unisys Oracle team will seek to understand a customer's present infrastructure, as well as the applications and business activities that it supports.

A Modernization Insight includes the following steps, which typically require one to two days to complete:

**1. Business perspective:** Facilitating an interactive discussion with business managers and IT staff about corporate goals, industry trends, long-term vision and strategies, and issues that may impact your institution's ability to achieve its goals. This conversation helps Unisys and Oracle understand the role that IT plays in achieving your firm's objectives and strategies.

**2. Discovery:** Unisys and Oracle will work with you to understand the current state of your infrastructure, its management, and the constraints that prevent its evolution.

**3. Modernization Roadmap design:** Unisys and Oracle will work with you to examine current applications in combination with business needs to determine the best modernization approach. Further, Unisys and Oracle will help you prioritize these findings in order to determine which will deliver the greatest value with the best investment of effort and budget.

### The Unisys Oracle Difference

More and more organizations are accepting the need to eliminate legacy technology while still retaining the content of their legacy applications. In order to achieve this, they require a complete solution consisting of modernization roadmap determination, project execution, and a high-performance target architecture.

Working together, Unisys and Oracle provide exactly such a combination. Using the Modernization Insight process Unisys and Oracle combine their modernization expertise to work with your organization and develop the needed Roadmap for Modernization. Following this, the combination of Unisys modernization services and project management expertise, along with the Oracle Modernization Framework, ensures a successful modernization project.

Modernization may seem like a complex process. But the Unisys Oracle EAM approach – beginning with a Modernization Insight – allows your organization to formulate a Roadmap for Modernization that suits your organizational goals, minimizes risk and maximizes benefits.

Contact us today to find out if a Modernization Insight is appropriate for you!

For more information go to: [www.unisys.com/go/modernization](http://www.unisys.com/go/modernization)

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