

# Demystifying Fusion

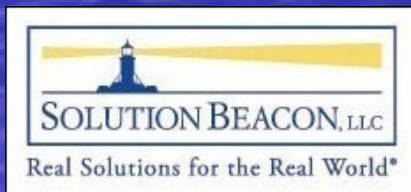
## O AUG's Three-Step Fusion Program



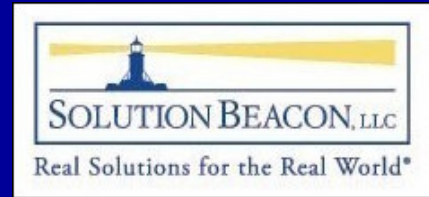
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System Engineer

Release 11i Workshops  
Dallas, TX • Cincinnati, OH  
Denver, CO • Atlanta, GA • Detroit, MI

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# Credits



- ◆ John Stouffer From Solution Beacon

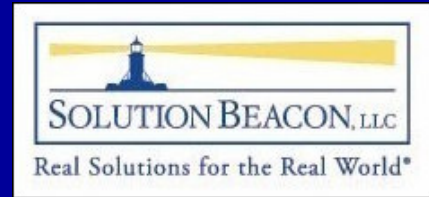


- ◆ Floyd Teter From the Jet Propulsion Lab

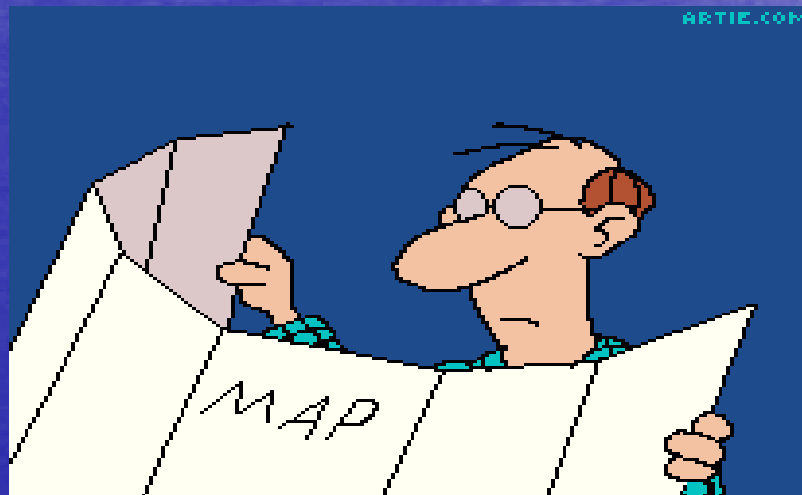


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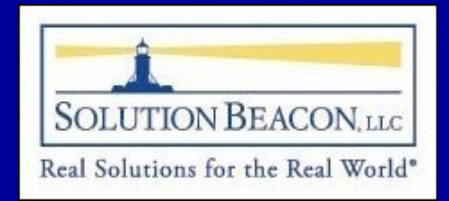
# Fusion Technology and Applications



Can't Figure Out How To Get From Here To There?



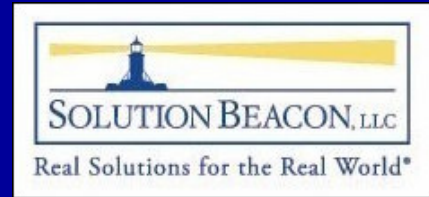
# OAUG Can Light Your Way On The Road To Fusion



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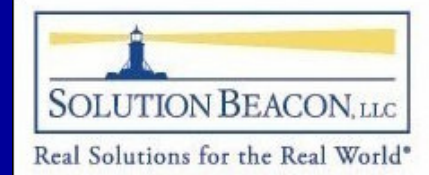
# OAUG's Three Step Fusion Program



- ◆ Demystifying Fusion
- ◆ The Fusion Value Proposition
- ◆ The Road To Fusion



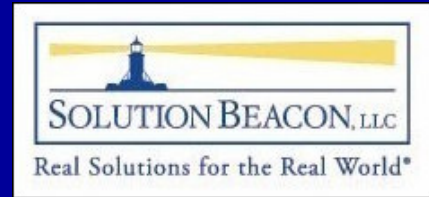
# Agenda



- ◆ Demystifying Fusion
  - Fusion Foundations
  - You're Using Fusion Now
  - Oracle's Fusion Means Different Things
  - Zeroing In On The Fusion Footprint
- ◆ The Fusion Value Proposition
  - What's In It For Me?
- ◆ The Road To Fusion
  - Oracle's Delivery Schedule
  - Roadmap Concepts
  - Trends and Clues
  - Things to Do Now
    - ◆ E-Business
    - ◆ PeopleSoft Enterprise
    - ◆ Siebel
- ◆ Oracle Applications User Group (OAUG)
- ◆ Q & A



# Demystifying Fusion



Today's Objective: Eliminate FUD\*

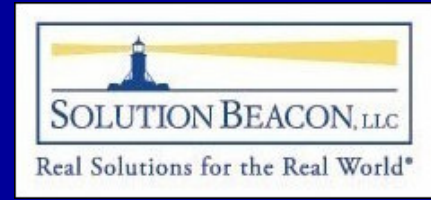
\*FUD=Fear, Uncertainty and Doubt



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# Demystifying Fusion

## Fusion Foundations

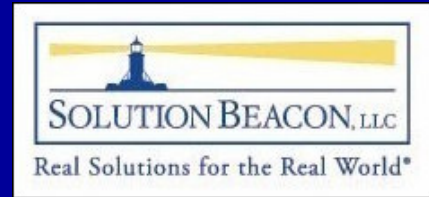


- ◆ XML Publishing
- ◆ Java
- ◆ Services Oriented Architecture (SOA)
  - Web Services (SOAP, WSDL)
  - Standards-Based
  - Modular, Reusable
- ◆ Event Driven Architecture (EDA)
  - Business Activity Monitoring (BAM)
  - Real Time Visibility to Business Processes



# Demystifying Fusion

## BPEL Process Manager



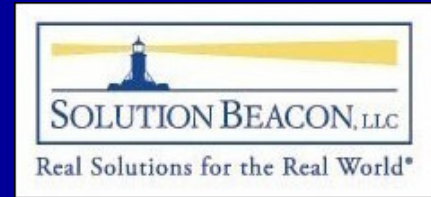
Process Orchestration Engine to Design, Deploy and Manage Service Enabled, Cross System Business Processes

- ◆ Combines Discrete Services for End-to-End Process Flows
- ◆ Flexible Service Framework
- ◆ Workflow Framework
- ◆ Integrated Monitoring
- ◆ Built-in Integration/Messaging
- ◆ Process Metrics



# Demystifying Fusion

## You're Using Fusion Now!

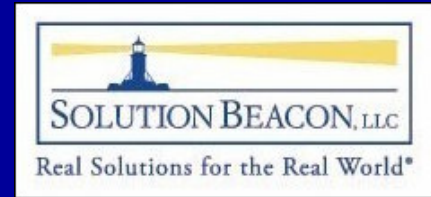


- ◆ XML (BI) Publisher
- ◆ JDeveloper
- ◆ J2SE, OC4J And OHS
- ◆ Data Hubs
- ◆ Open Interfaces
- ◆ Portal With Identity And Access Management
- ◆ 10g Database
- ◆ Dashboards / DBI
- ◆ Business Intelligence (aka Siebel Analytics)
- ◆ Enterprise Manager

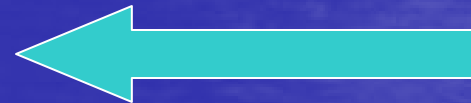


# Demystifying Fusion

## Oracle's Fusion Means Different Things

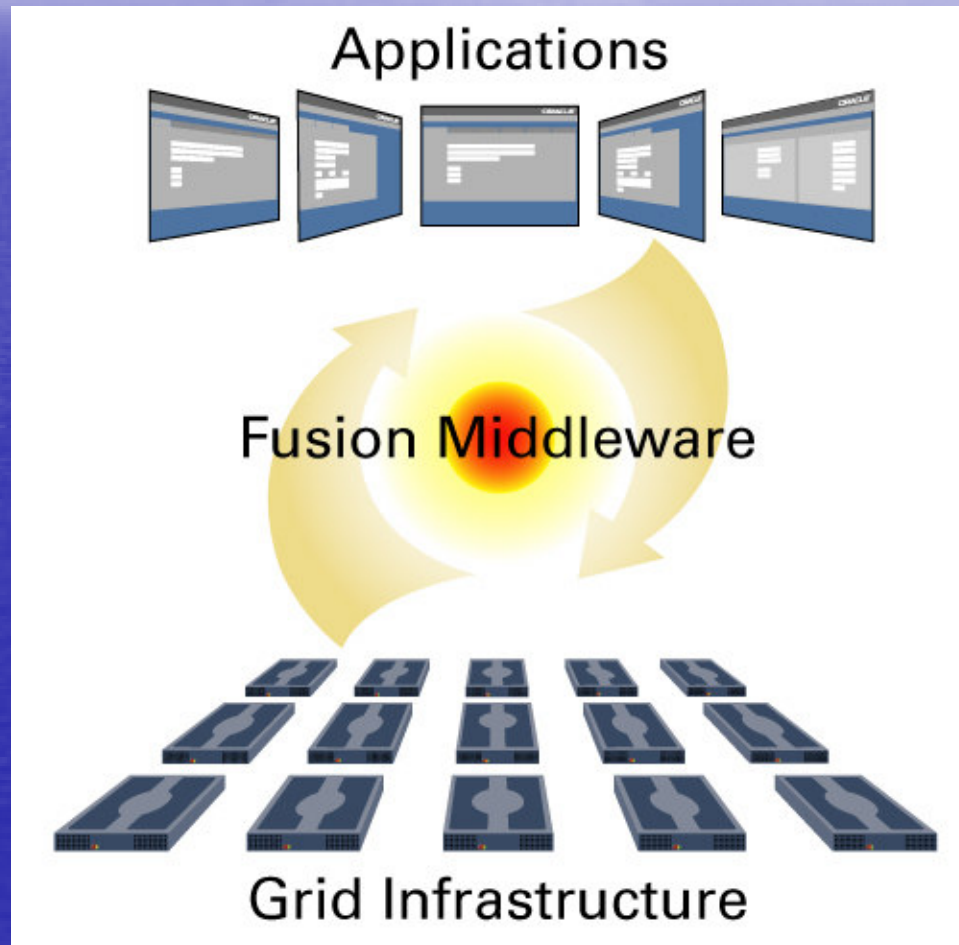
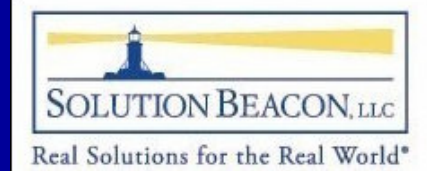


- ◆ Fusion Applications
- ◆ Fusion Middleware
- ◆ All Oracle Products Managed by Oracle Development
- ◆ Siebel Using Fusion Middleware
- ◆ Oracle 10g Grid Architecture
- ◆ A Razor From Gillette
- ◆ A Health Club In California
- ◆ A Car
- ◆ All Of The Above



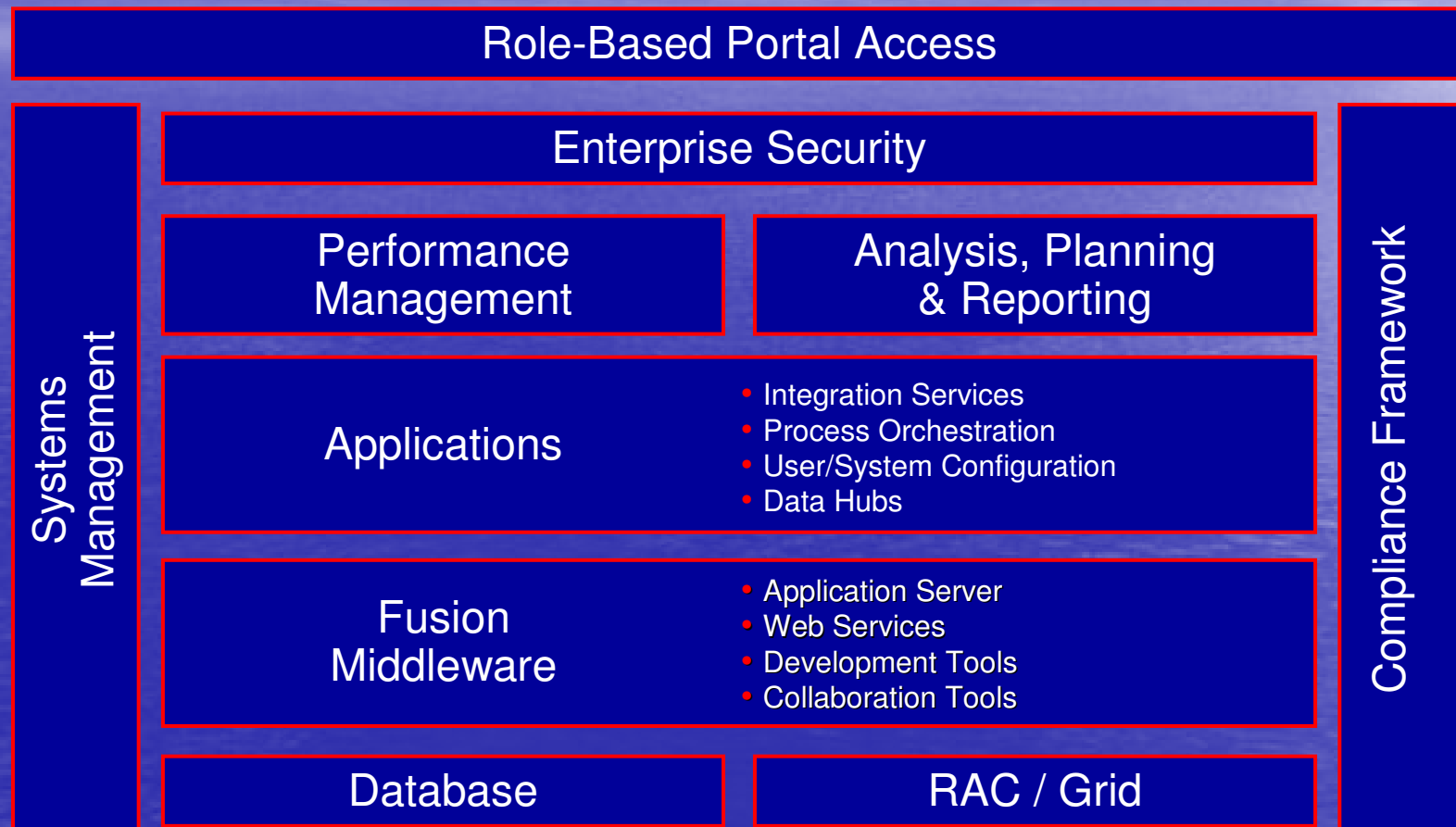
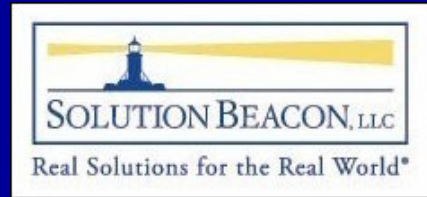
# Demystifying Fusion

## Zeroing In On The Fusion Footprint

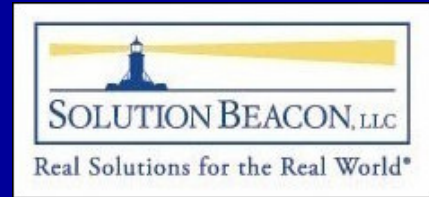


# Demystifying Fusion

## Zeroing In On The Fusion Footprint – Detail



# The Fusion Value Proposition



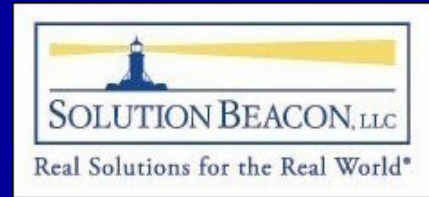
## What's In It For Me?



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# The Fusion Apps Value Proposition

## Or What's In It For Me?



### ◆ Best Practices

- Mashups up best practices from E-Business, PeopleSoft, JD Edwards and Siebel

### ◆ Flexibility

- The web services approach provides more flexibility in tailoring business process flows for your specific needs

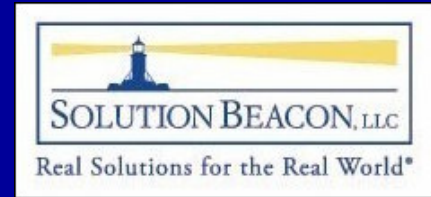
### ◆ Complies with industry standards

- Makes integration with legacy platforms a much easier task



# The Fusion Apps Value Proposition

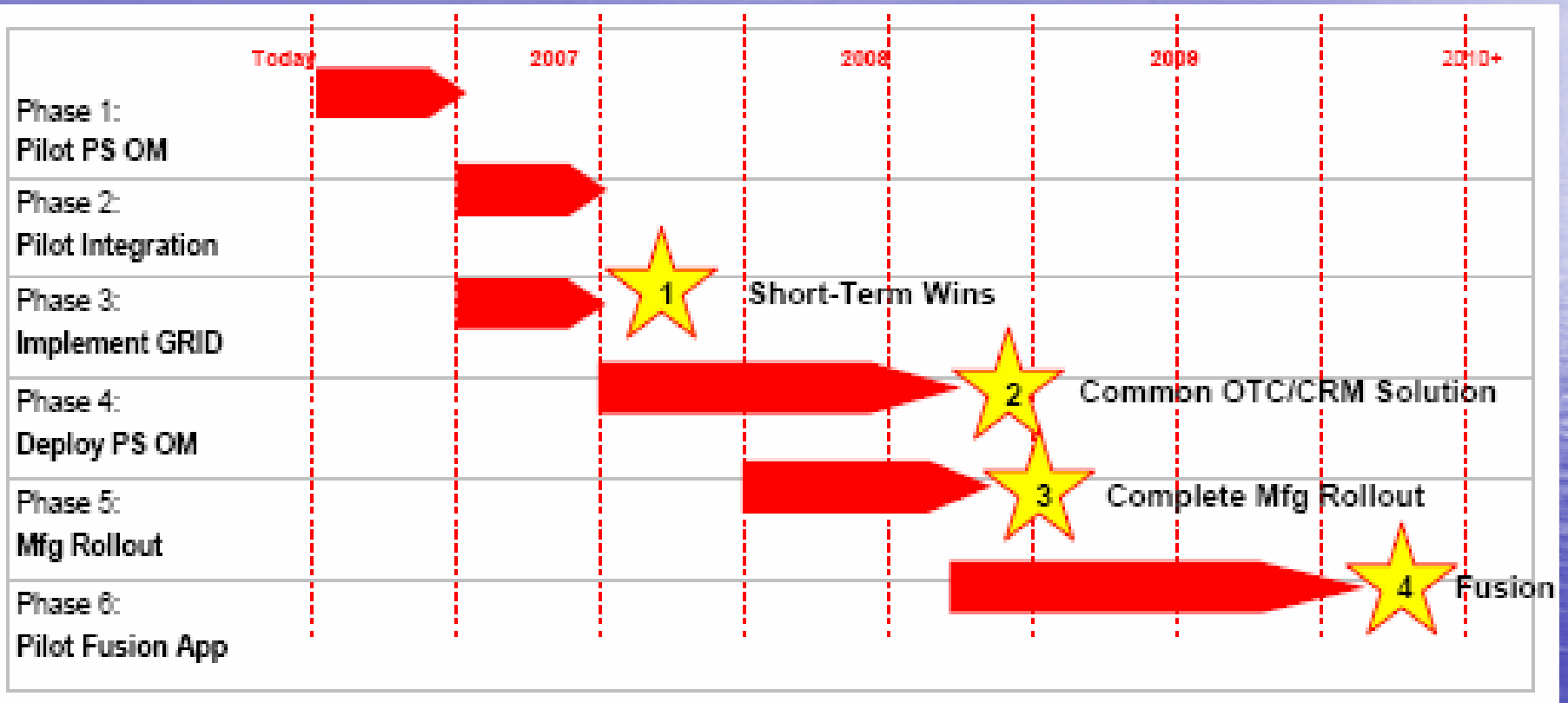
## Or What's In It For Me?



- ◆ No “Forced” Upgrades
- ◆ Applications Unlimited
  - Each Applications Product Line Will Continue to Grow and Develop
  - At Least for Now
- ◆ Lifetime Support
  - Support of Terminal Releases as Long as You are Willing to Pay the Bill
- ◆ Leverage These Programs to Upgrade or Migrate When it Makes Sense for Your Enterprise
- ◆ You Retain Some Control Over Upgrade and Migration Timings



# The Road to Fusion



# The Road to Fusion

## Oracle's Delivery Schedule



2005

- Fusion Architecture Introduced
- Application Product Families Certified on Fusion Middleware

2006

- Fusion Middleware
- Data Hubs and Transaction Bases Released on Fusion Middleware
- Web Services Identified
- User Experience Design Completed
- Functional Architecture Defined
- Application Product Families Certified on Fusion Middleware
- Operational Dashboards Delivered

2007

- First Fusion Applications
- Upgrade Architecture Completed
- Operational Dashboards Delivered

2008

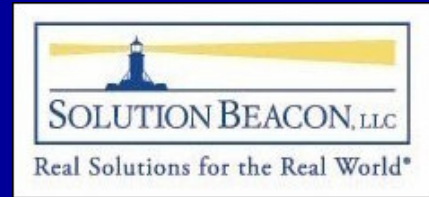
- Application Suite Available

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# The Road to Fusion

## Roadmap Concepts

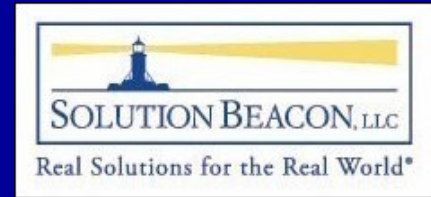


- ◆ Every enterprise is different
  - Industry
  - Differentiators
  - Market Position
  - Culture
- ◆ So every customer's roadmap will be different
- ◆ Some common planning still possible
  - Investigate, build knowledge, and evolve
- ◆ Let's start with some general roadmap concepts!



# The Road to Fusion

## Roadmap Concepts

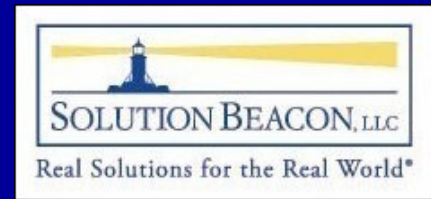


- ◆ Fusion Applications (and all of Fusion, for that matter) will evolve
  - Version 1 will not be an all-inclusive, finished product
  - Recent and upcoming releases of Oracle Apps are iterations on the Road to Fusion
    - ◆ R12, PeopleSoft 9.0, JDE EnterpriseOne 8.12, JDE World A9.1
- ◆ You have some control over the timing
  - Applications Unlimited + Lifetime Support
  - Move when it makes sense for your enterprise
- ◆ “Failure to plan is planning to fail”
  - Make a plan
- ◆ Stay informed and adjust as needed
  - OAUG and Oracle are your best sources



# The Road to Fusion

## Roadmap Concepts



### ◆ Pick Your Fusion Apps “Jump-off Point”

- E-Business: 11.5.10 and 12
- PeopleSoft: 8.8, 8.9, 9.0
- JDE EnterpriseOne: 8.11, 8.12
- JDE World: A7.3, A8.1, A9.1
- Siebel, Retek, i-Flex: TBD

### ◆ Upgrade to Your “Jump-off Point” ASAP

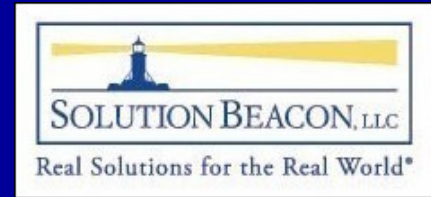
### ◆ Stay Current on Your “Jump-off Point”

- Patches (technology, year-end, critical patch updates, etc)



# The Road to Fusion

## Roadmap Concepts



### ◆ Evaluate Your Customizations

- What customizations do you have?
- Map to apps functionality
- Decommission where possible
- Convert to Fusion technology-based where decommission entirely is not possible

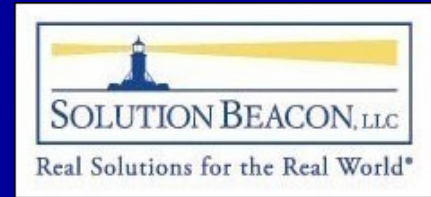
### ◆ Start Leveraging Your Available Fusion Tools

- XML (BI) Publisher
- Oracle Portal E-Biz users should leverage; others should adopt
- Business Intelligence
  - ◆ OBI EE or DBI
  - ◆ Siebel Analytics



# The Road to Fusion

## Roadmap Concepts

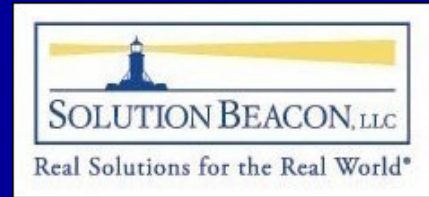


- ◆ Adopt and/or Leverage Fusion Middleware
  - BPA and BPEL Tools
  - Identity and Access Management
- ◆ Pilot SOA-based Integration
- ◆ Pilot JDeveloper + ADF
- ◆ Investigate Grid Computing
- ◆ When Upgrading or Migrating, Practice Makes Perfect!
  - Execute a Few “Dry Runs” to Identify Potential Problems and Prepare for the Real Thing
- ◆ Stay Informed!



# The Road to Fusion

## Trends and Clues

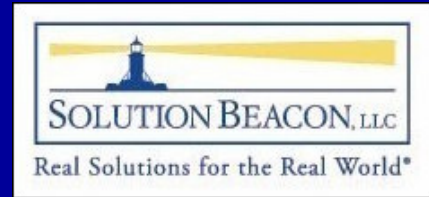


- ◆ Check Release 12 for Trends and Clues
  - An Iteration Towards Fusion Applications
    - ◆ First Oracle Release to Run on Fusion Middleware
  - Requires 10g Release 2 Database
  - Increased DB Storage
    - ◆ At Least 10%
  - No Oracle Graphics
    - ◆ Migrate Graphics to XML Publisher
  - No mod\_plsql Support
    - ◆ Disabled in Release 12
    - ◆ Pressure to Retire Customizations
    - ◆ Oracle Recommends Migration to OAF



# The Road to Fusion

## Trends and Clues



### ◆ SOA Suite 10.1.3.1

- Includes WebCenter

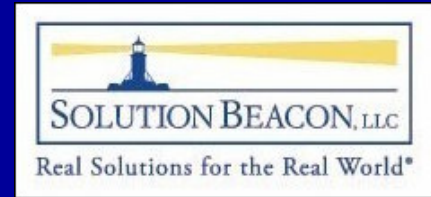
### ◆ Watch the Middleware

- Additions and Enhancements in Fusion Middleware will Provide Clues about Fusion Applications Technologies



# The Road to Fusion

## Things To Do Now – E-Business Suite Users



### ◆ Review Your Customizations

- What customizations do you have?
- How were they built?
- Could they be replaced by recent E-Business Functionality additions or enhancements?
- From this time forward, use Fusion technology and tools to build customizations

### ◆ Leverage XML (BI) Publisher

- Use XML (BI) Publisher For all your reporting needs
  - ◆ Developing with Oracle Reports? Stop today!



# The Road to Fusion

## Things To Do Now – E-Business Suite Users



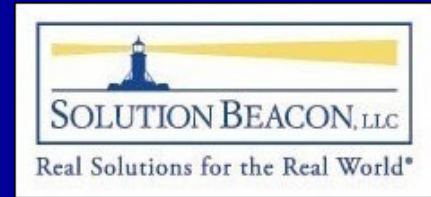
### ◆ Move to SOA-based integration

- Document your interfaces
- Get interfaces on industry standards
  - ◆ Public interfaces (industry standards) v private interfaces (customizations)
- iREP – public APIs
  - ◆ Hosted in 11.5.10, packaged with R12
- Build Fusion skills on your team
  - ◆ SOA concepts
  - ◆ Bpel
  - ◆ JDeveloper + ADF
  - ◆ ARIS Business Process Analysis (“BPA”)



# The Road to Fusion

Things To Do Now – E-Business Suite Users



## ◆ Use Oracle's Lifecycle Tools

- Applications Management Pack

  - ◆ Services Monitoring

  - ◆ Lower Effort to Manage Multiple Environments

- Enterprise Manager

  - ◆ Grid Control

## ◆ Carefully examine Grid Computing

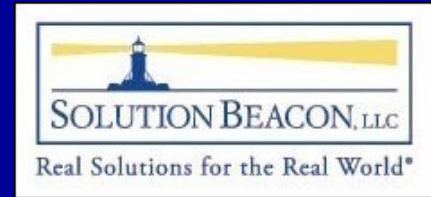
- Resource Pooling and Sharing Are Critical For Maximizing System Performance

  - ◆ Want to Go Fast In Fusion? Go Grid!



# The Road to Fusion

Things To Do Now – PeopleSoft Enterprise Users



## ◆ Review your customizations

- What customizations do you have?
- How were they built?
- Could they be replaced by recent functionality additions or enhancements?
- From this time forward, use Fusion technology and tools to build customizations

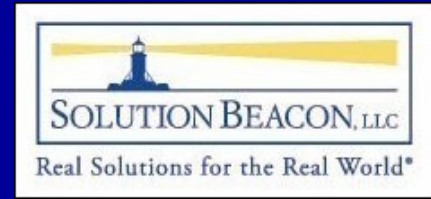
## ◆ Investigate Fusion Middleware

- Fusion Apps may run on other middleware, but it will likely be optimized for Oracle Fusion Middleware



# The Road to Fusion

Things To Do Now – PeopleSoft Enterprise Users



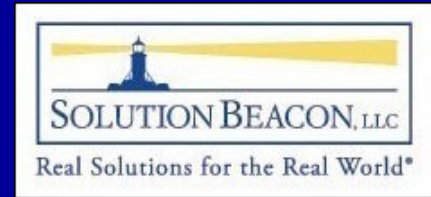
## ◆ Move to SOA-Based integration

- Document your interfaces
- Get interfaces on industry standards
  - ◆ Public interfaces (industry standards) v private interfaces (customizations)
  - ◆ Use Services Designer & Web Services Wizard to create loosely-coupled interfaces
  - ◆ PeopleTools 8.48 includes utility to convert private interfaces to loosely-coupled web services



# The Road to Fusion

Things To Do Now – PeopleSoft Enterprise Users



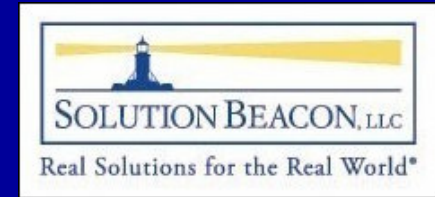
## ◆ Use Application Engine For batch

- Advanced features not included in SQR
- All new enterprise development uses AE – not SQR
- AE scripts can be recreated in BPEL and ADF
- Caveat: don't fix it if it's not broke!
  - ◆ Leave existing SQR batches or reports alone if they work
  - ◆ Build new batch programs in AE
  - ◆ Use AE as interface to XML Publisher for new reports



# The Road to Fusion

## Things To Do Now – PeopleSoft Enterprise Users



### ◆ Leverage XML (BI) Publisher

- The reporting tool for Fusion Apps

### ◆ Examine Oracle Portal

- PeopleSoft Portal is well integrated with PeopleSoft Apps
- Oracle Portal will be the Fusion Apps standard
  - ◆ May eventually merge with WebCenter
- Integrates well with PeopleTools 8.48

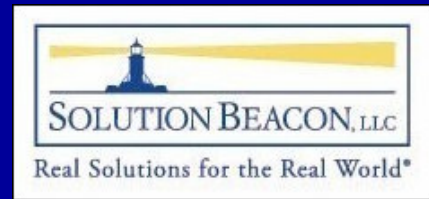
### ◆ Get started with ADF

- Build ADF and Java skills by building a stand-alone app
- Software is available for free right now
- Your Enterprise Tools License applies



# The Road to Fusion

## Things To Do Now – Siebel Users



### ◆ Customize for migration to Fusion

#### ● Scripts

- ◆ Retire where possible
- ◆ Minimize future development

#### ● Business Logic

- ◆ Put it outside Siebel
- ◆ Call through Web Service

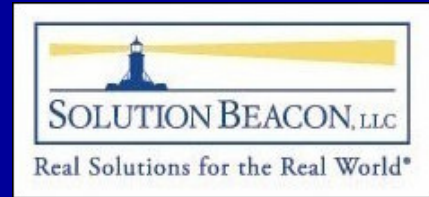
#### ● Move to Siebel Presentation Tier

- ◆ On Fusion Middleware
- ◆ With ADF Faces



# The Road to Fusion

## Things To Do Now – Siebel Users



### ◆ Get To Know Standards

- J2EE
- BPEL
- XML
- SOA
- JMX
- AJAX

### ◆ Leverage Siebel Analytics

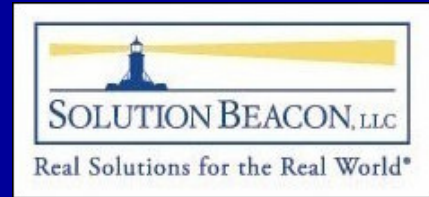
- Foundation of OBI EE (10g Analytics)

### ◆ Start working with Fusion Development Tools

- JDeveloper
- XML (BI) Publisher



# Are you an OAUG Member?



Global Users. Global Solutions.

## Member Benefits include:

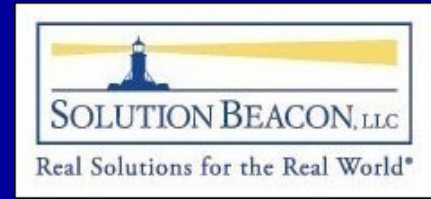
- ◆ **Advocacy** opportunities to influence Oracle on product enhancements, usability, new features, Oracle support, pricing and quality
- ◆ **Knowledge** that showcases the latest trends and techniques used by industry leaders through our national and regional events and our publications, such as OAUG Insight magazine
- ◆ **Communication** with other OAUG members worldwide through participation in OAUG committees, leadership positions, interaction with Oracle Corporation's user initiatives, frequent member surveys, and Oracle management briefings
- ◆ **Education** through the hundreds of career-enhancing presentations in our conference paper database archive, as well as discounts to conferences and Oracle education
- ◆ **Networking** with Oracle customers, industry experts, third-party software firms, and other Oracle Applications specialists through our Member Database and Online Vendor Directory



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# OAUG Is Your Partner In Fusion

Our Road To Fusion Will Evolve As We Learn More



- ◆ OAUG Fusion Council – <http://www.oaug.org/resources/fusioncouncil/index.html>
- ◆ Community Thursdays
- ◆ eLearning Opportunities
- ◆ Collaborate 07: April 12 – 15 in Las Vegas, Nevada, US, at the Mandalay Bay Hotel
- ◆ See Us On The Web: [www.oaug.org](http://www.oaug.org)

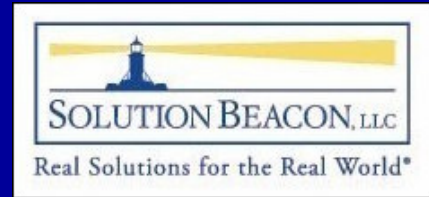


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# Questions and Answers



Thank you!

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Fusion Road Shows

<http://www.solutionbeacon.com/rtvindex.htm>



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