A Technical Road Map for Oracle Fusion, E-Business Suite Release 12 and Oracle Fusion Applications

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Agenda

- – Fusion Middleware
- – Release 12
- – Fusion Applications

Audience

- – E-Business Release
- – Database Version
- – Functional / Technical
- – Fusion Middleware
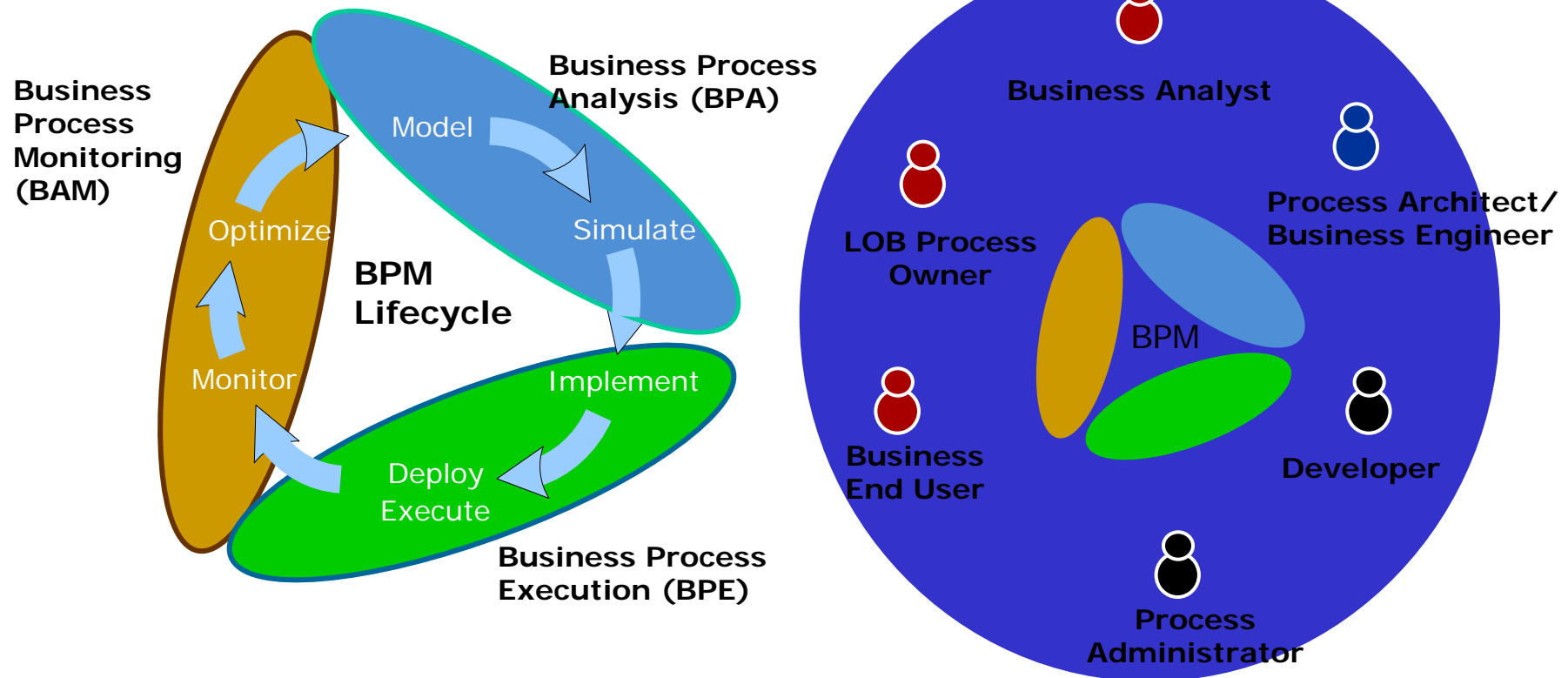
The Effect of Fusion

- The next step in Oracle applications and technology
- Focuses on end-to-end Business Processes
  - Order2Cash, Procure2Pay, Hire2Retire
- Provides more cost effective integration, flexible business processes and extensibility
- Fuses processes, people, and products to leverage the best parts of each
- Embraces a service-oriented and standards-based information architecture

Fusion Application Design Principles

- Improving Business Insight
    - Real-time operational analysis to enable taking action
    - How? Event Driven Architecture, BI Tools, Dashboards
- Mirroring Adaptive Industry Processes
    - Simpler to integrate and customize to match your business
    - How? Using Service-Oriented Architecture and Business Process Management
- Better Ownership Experience
    - Goal: Zero downtime, increased automation
    - How? Investment in lifecycle management

Focus on Business Process Management and Improvement

Various Stakeholders

Business Process Monitoring (BAM)

Business Process Analysis (BPA)

Model

Simulate

BPM Lifecycle

Optimize

Monitor

Implement

Deploy Execute

Business Process Execution (BPE)

Business Analyst

LOB Process Owner

Process Architect/ Business Engineer

BPM

Business End User

Developer

Process Administrator

Fusion Middleware is the "Enabler"

- Fusion Effect depends on Fusion Middleware
- Family of 40+ software products
- Leverages the Oracle Application Server 10g (11g Application Server currently in Beta)
- Software from many Oracle acquisitions
- Built on Industry Standards

Fusion Middleware Areas

User Interaction
Portals, Content, Search, Desktop, Mobile, VoIP

Business Intelligence
ETL, Q&A, OLAP, Reports, Alerts, Real Time

Development Tools
SOA Tools & Framework

Integration & Process Management
Messaging, ESB, BPM, B2B, BAM, MDM

Systems Management
System Application Services

Application Server
J2EE, WS-*, Events, Rules

Identity Management
Directory Provisioning, Single Sign-On, Identity Administration

Grid Infrastructure
Clusters, Metadata, Registry, Security
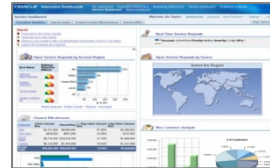
Fusion Components to Know

Application Integration Architecture
Reduced TCO through sustainable integrations

BI Intelligence
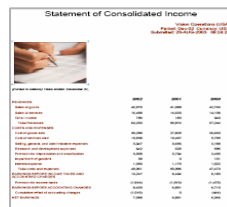Insight provided within the context of operational systems

Event Driven Architecture
Provide real-time feedback on business processing

Service Oriented Architecture
Building adaptable application logic

Master Data Management
Consolidate and leverage master data

Identity Management
Managing Information access and sharing

Applications Integration Architecture (AIA)

- Pre-Built SOA Integration Layer for BPEL
- The Best Practice Processes are represented as abstract models and extensible execution flows
- Enterprise Business Objects provide standard definition of business objects
- Enterprise Business Services provide common service definition
- Best of Breed Application Service Components provide logic and data
- Hubs to Consolidate Key Entities to common definition

Business Intelligence Tools

- OBIEE
- BI Publisher
- Discoverer
- Business Activity Monitor (Dashboards)
- Data Warehouse Builder
- Daily Business Intelligence

Event Driven Architecture

- Built into the Fusion Middleware
- Monitors, Analyzes and Responds to Business Events
- Requires minimal coding
- Creating a new User, creates a Business Event which triggers emailing them a user guide, or shipping a security token or scheduling training
- EDA is designed to control Workflow
- Works outside the Application Suites
- Leverages Business Activity Monitoring
- Uses Enterprise Messaging (JMS)
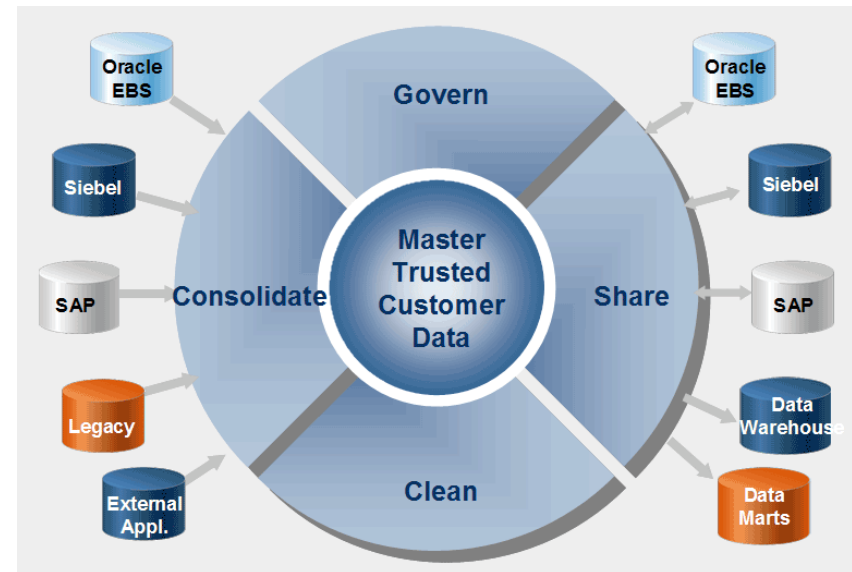- Interoperable with non-Oracle applications

Master Data Management

- Consolidate/Federate master information from disparate systems and business lines into one repository
- Cleanse and Enrich data centrally
- Distribute data as a service from a single point of truth to consuming applications, enterprise business processes and decision support systems

Identity Management Components

- Web Access - Oracle Access Manager
- Provisioning - Oracle Identity Manager
- Federation - Oracle Identity Federation
- Password Synch - Oracle Identity Manager
- Virtual Directory - Oracle Virtual Directory
- Meta-Directory - Oracle Directory Integration Platform
- Directory - Oracle Internet Directory
- Authentication/PKI - Oracle Certificate Authority
- Web Services - Oracle Web Services Manager
- Enterprise SSO - Oracle Enterprise Single Sign-On Suite

Release 12

- Released January 2007
- Third RUP Level (12.0.3) is Federalized
- Latest RUP 12.0.4
- 60% Java Based
- Fusion Middleware Levels

Release 12 Initiatives

Think Globally – Get Global View

- Real-Time Operational Reporting, Global Financial Consolidation

Work Globally – Global Processes

- New User Interface, Financial Shared Services Delivery Model, New Human Resource Localizations

Manage Globally – Reduce Costs

- New Web Services Repository, Maximized use of Fusion Middleware

Extend and Evolve to Next Generation

- <u>Standards Based</u> SOA Technology
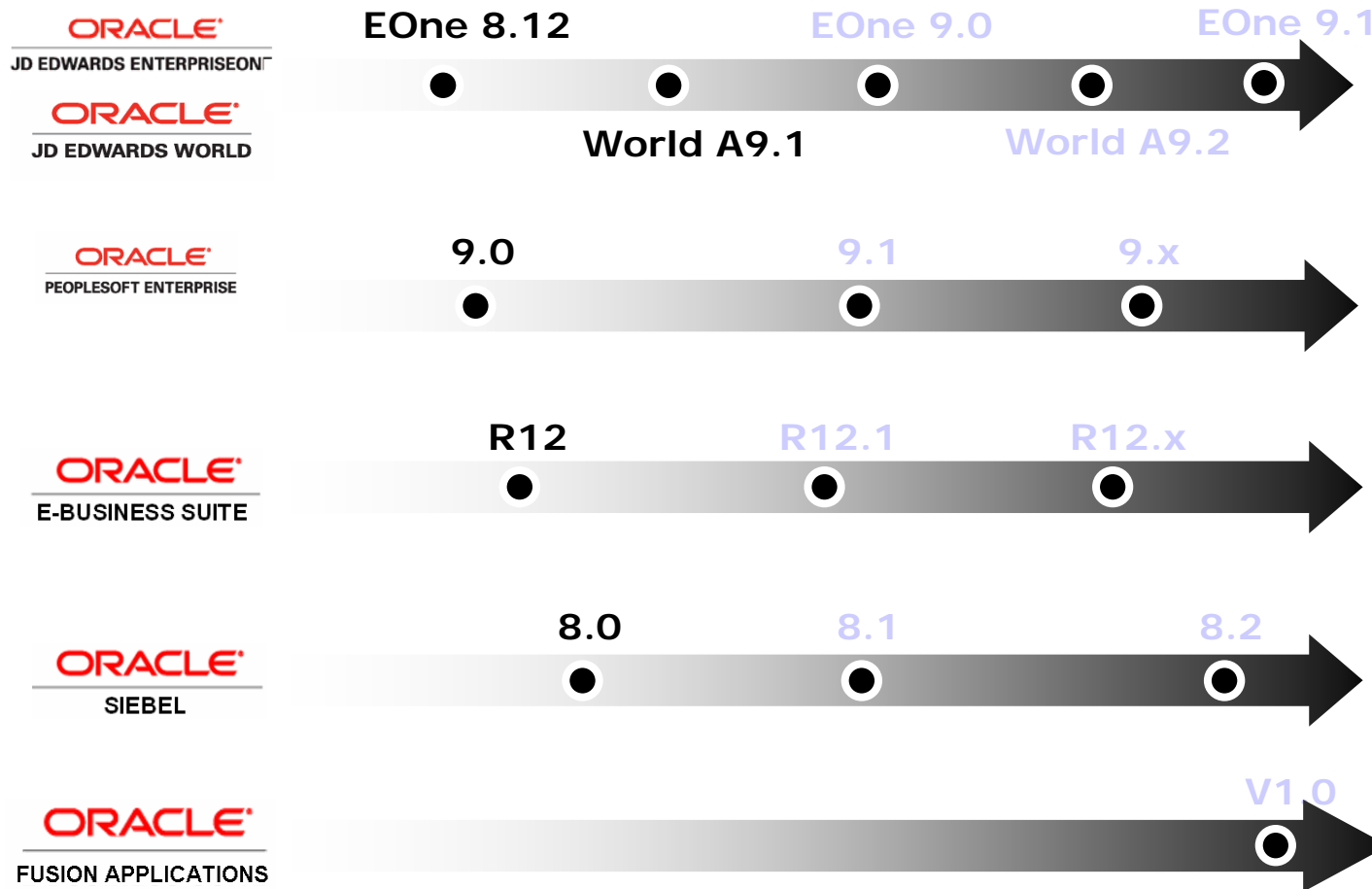
Release 11.5.10.2 vs. Release 12

- **Release 11.5.10 – GA November 2004**
  - Eight of 22 Family Packs Need Patched
    - Financials, HRMS, Projects, Manufacturing, Purchasing/Procurement
  - 60% Forms, 40% Java
  - Minimal XML
  - Premier Support Ends Nov 2009 – Lifetime Support
  - Must be on 11.5.10.2 (CU2)
- **Release 12 – GA January 2007**
  - RUPs Only – 12.0.4 Available
  - 60% Java, 40% Forms
  - Extensive XML
  - Premier Support Ends Jan 2012 – Lifetime Support
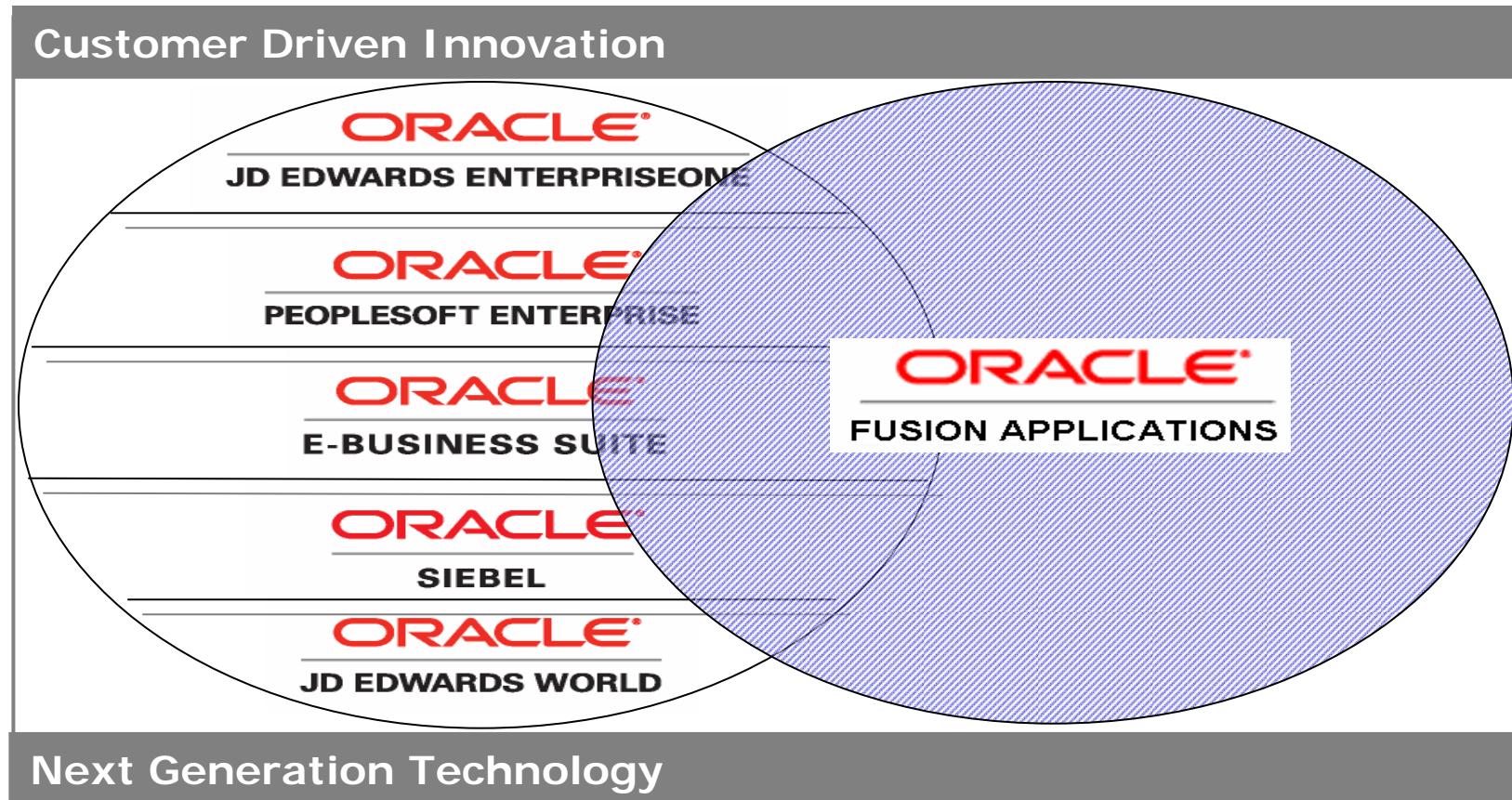
Oracle Applications Unlimited

Key Feature	Premier Support (5 Years)	Extended Support (3 Years)	Sustaining Support (Infinite)
Major Product and Technology Releases	●	●	●
Technical Support	●	●	●
Access to Support Portal	●	●	●
Updates and Fixes	●	●	Pre-existing
Security Alerts	●	●	Pre-existing
Upgrade Scripts	●	●	Pre-existing
Critical Patch Updates	●	●	
Tax, Legal, and Regulatory Updates	●	●	
Certification with Existing third-party Products/versions	●	●	
Certification with most new Oracle products	●	●	
Certification with most new third-party	●		

Policy Applies to PSFT 8.8, JDE 8.11, EBS R11i.10, Siebel 7.5

Applications Roadmap Overview

ORACLE JD EDWARDS ENTERPRISEONE
ORACLE JD EDWARDS WORLD

EOne 8.12   EOne 9.0   EOne 9.1

World A9.1   World A9.2

ORACLE PEOPLESOFT ENTERPRISE

9.0   9.1   9.x

ORACLE E-BUSINESS SUITE

R12   R12.1   R12.x

ORACLE SIEBEL

8.0   8.1   8.2

ORACLE FUSION APPLICATIONS

V1.0

How Fusion Applications Fit In

The Road to Fusion
Roadmap Concepts

- Pick Your Fusion Apps "Jump-off Point"
  - E-Business: 11.5.10.2 and 12
- Upgrade to Your "Jump-off Point" ASAP
- Upgrade to 10*g* ASAP
- Implement Standard NAS/SAN Utilities for Snapshots
- Implement Standard Oracle Utilities
  - OEM with Applications Management Pack (AMP)
- Stay Current on Your "Jump-off Point"
  - Patches (technology, year-end, Critical Patch Updates)

The Road to Fusion
Roadmap Concepts

- Evaluate Your Customizations
  - What customizations do you have?
  - Map to Applications functionality
  - Decommission where possible
  - Convert to Fusion technology-based where decommission entirely is not possible
- Start Leveraging Your Available Fusion Tools
  - XML (BI) Publisher
  - SOA Suite and WebCenter
  - Business Intelligence
    - OBIEE or DBI
    - Discoverer 10*g*

Questions and Answers

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Thank You!