

PeopleSoft Enterprise and Oracle Fusion MiddleWare



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About Innowave



- Technology Consulting Firm founded in 2005
- Provide unique, innovative solutions using Oracle Applications and Technology
- Integration Experts: Fusion Middleware, SOA Suite, BPEL & Web services
- Implement, upgrade, and enhance Oracle E-Business Suite, JD Edwards, PeopleSoft, and Siebel Applications and related technologies
- Extensive experience and expertise managing global and local implementations across various industry verticals
- Provide clients with proven methodologies, tools, and templates specifically tailored to their requirements

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Fusion Middleware for PeopleSoft

The adoption of Oracle components within PeopleSoft Enterprise is achieved at one of the following levels:

Embedded:

A specific version of this Oracle component is embedded and delivered as part of PeopleTools. Licensing is covered by PeopleTools EULA.

Integrated:

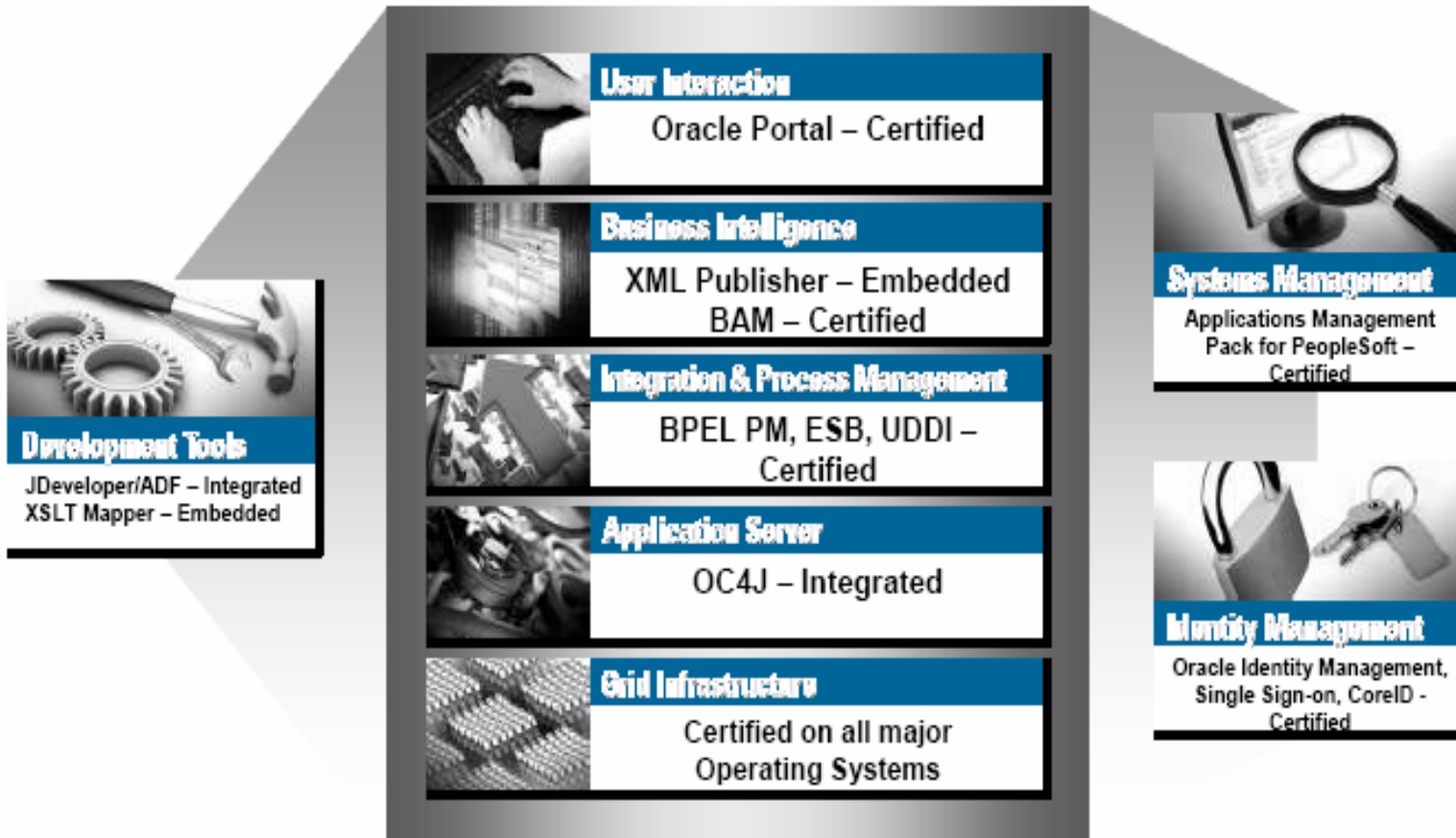
The Oracle component is integrated with PeopleSoft Enterprise. A license for the separate component product is included with PeopleTools.

Certified:

The Oracle component is certified to be interoperable with PeopleSoft Enterprise. Oracle has tested that the component works with PeopleSoft Enterprise; however, customers who wish to use this component must license and install the component separately.

	PeopleTools 8.46	PeopleTools 8.47	PeopleTools 8.49
Oracle Application Server Java Edition		I	I
Oracle XSLT Mapper (part of JDEV)			E
Oracle XML Publisher			E
Oracle BPEL Process Manager	C	C	C
Oracle Internet Directory	C	C	C
Oracle Identity Management/Single Sign-On		C	C
Oracle BAM		C	C
Oracle Integration		C	C
Oracle Portal		C	C
Oracle UDDI Server			C
Oracle Database 9i, 9i RAC, 10g, 10g RAC	C	C	C

Fusion Tech within PeopleSoft “Stack”



Extending PeopleSoft with FMW

Unified, Comprehensive Technology Stack

Area	Existing Tool	Oracle Option
Development Tool	PeopleTools	FMW JDeveloper
Java Dev. Framework	Did not exist	FMW ADF
J2EE Application Server	BEA, IBM WS	FMW OC4J
Enterprise Service Bus	Did not exist	FMW ESB
Business Process Mgmt.	Did not exist	FMW BPEL PM
LDAP Directory, SSO	MSFT, Sun, IBM	FMW Identity Mgmt.
User Provisioning	Did not exist	FMW Identity Mgmt.
Portal	PeopleSoft	FMW Portal/WebCenter
BI – ETL	Ascential	FMW BI
BI – Reports	Crystal Reports	FMW BI
BI – Analytics	Custom (nVision)	FMW BI

Extending PeopleSoft with FMW

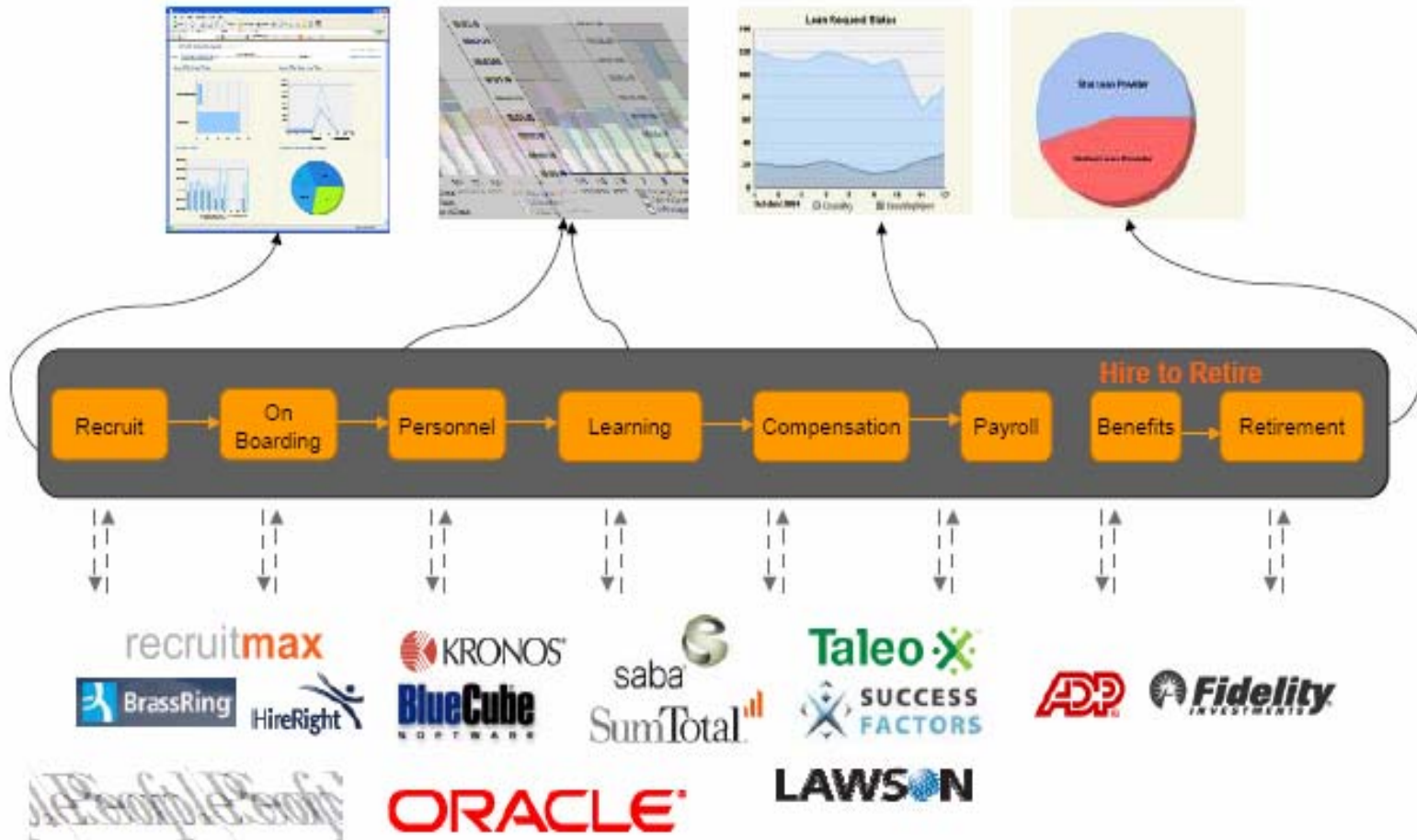
FMW Tool used in this Demo: BPEL PM

What is BPEL?

- Business Process Execution Language: Markup language for composing a set of discrete services into an end-to-end process flow
- 10+ years of R&D from MSFT and IBM
- A Business Process is a Service

What customers want?

Business Integration with SOA



PeopleSoft Web Services:

PeopleTools 8.49

All PeopleSoft functionality exposed as web services out of the box

In most case adapters are not needed to integrate with BPEL PM or ESB

Adapters for PeopleSoft might still be required for older versions of PeopleTools

Web Services in PeopleTools 8.49

Component Interfaces (synchronous)

Out-of-the-box and easily created

Includes business logic

Secured

Application Messages (asynchronous)

Out-of-the-box and easily created

Must create internal business logic or external routing

Service Discovery

WSDL

UDDI

WSIL

SOA Approach

Value to Customers:

SOA provides a modularity of business logic, which can be presented as a service for client

Platform independence

Integration Development

- Shorter Test Cycle

- Increased Reuse

Operations

- Increased Automation

- Greater process efficiencies

- More Scalable & Reliable

Maintenance & Support

- Easy to enhance & change

- More predictable, less risky

- Easy to upgrade applications

- Standard based skills

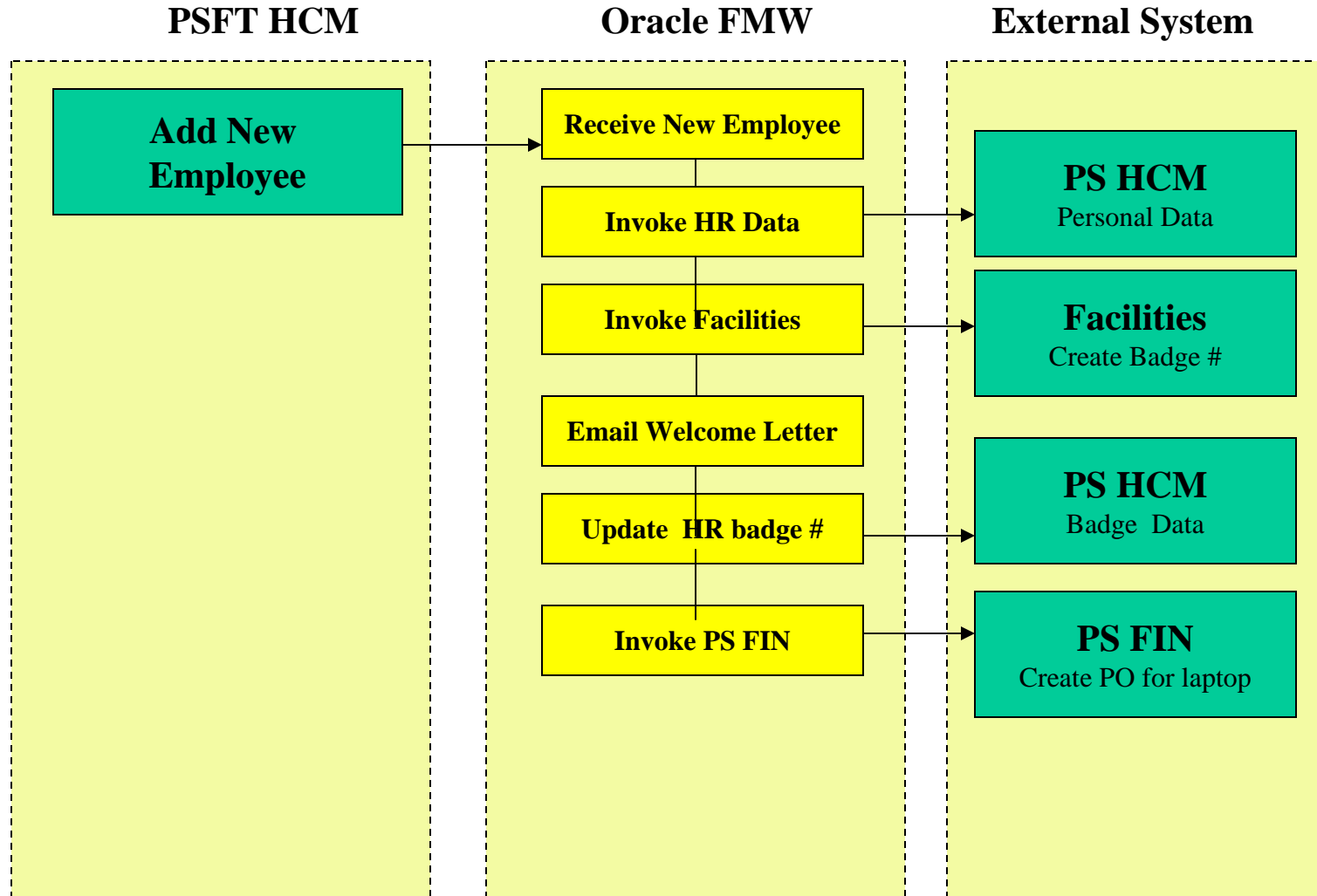
Reduced Risk

- Higher level of IT quality

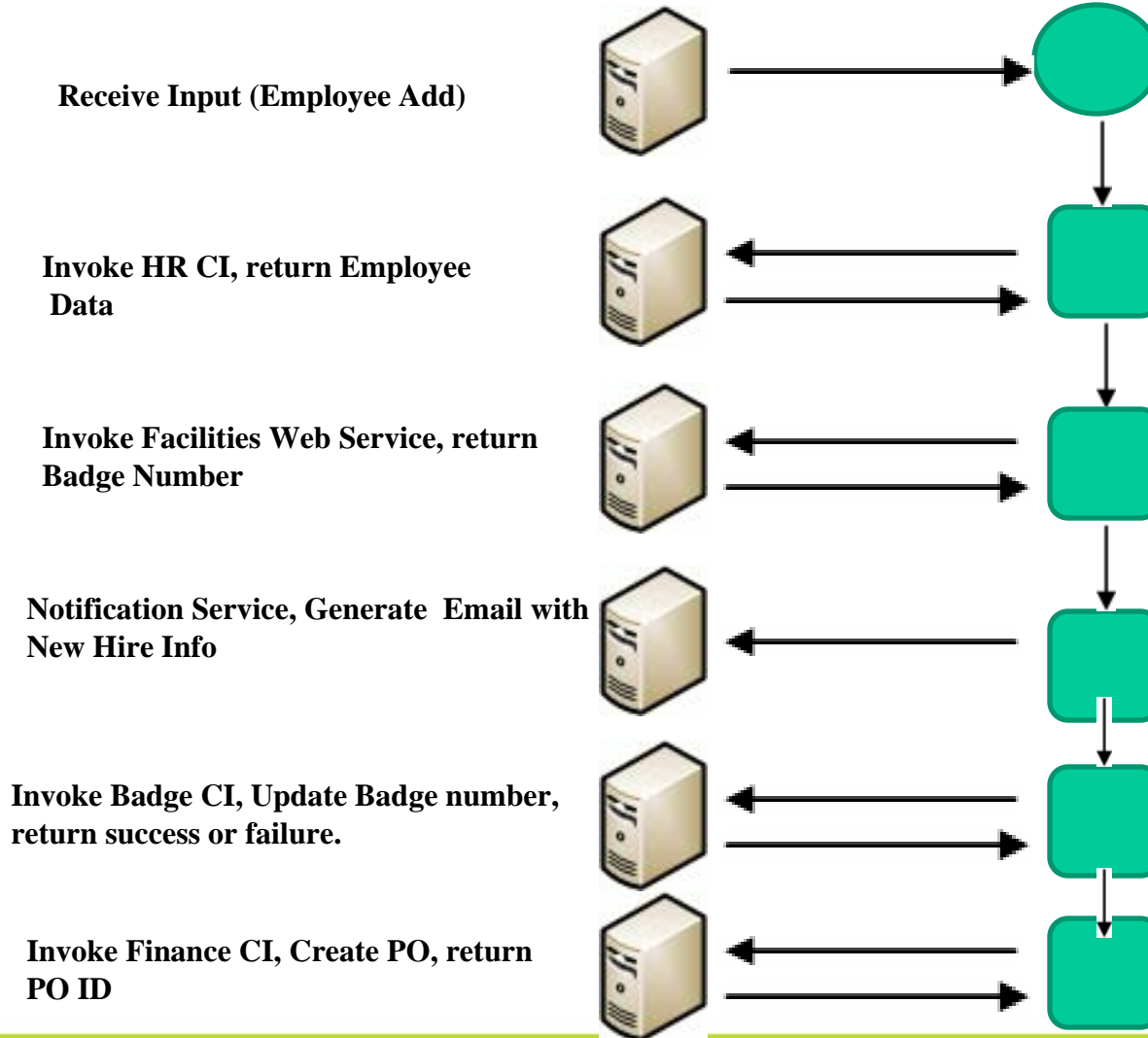
- Incremental deployment

- Improved payback times (ROI)

Demo - New Hire On-Boarding Process



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Technical Environment for Demo:

PeopleTools – 8.49

PeopleSoft HCM – 9.0

PeopleSoft Financials – 9.0

Operating System – Windows XP

Database – MS SQL Server 2005

BPEL Process Manager – 10.1.3.1

Oracle Application Server - 10G
(10.1.3.1.0)

JDeveloper - 10.1.3.2.0

PeopleSoft/FMW Demo



Q & A

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