

Enterprise Resource Planning in SOA Based IT Landscapes

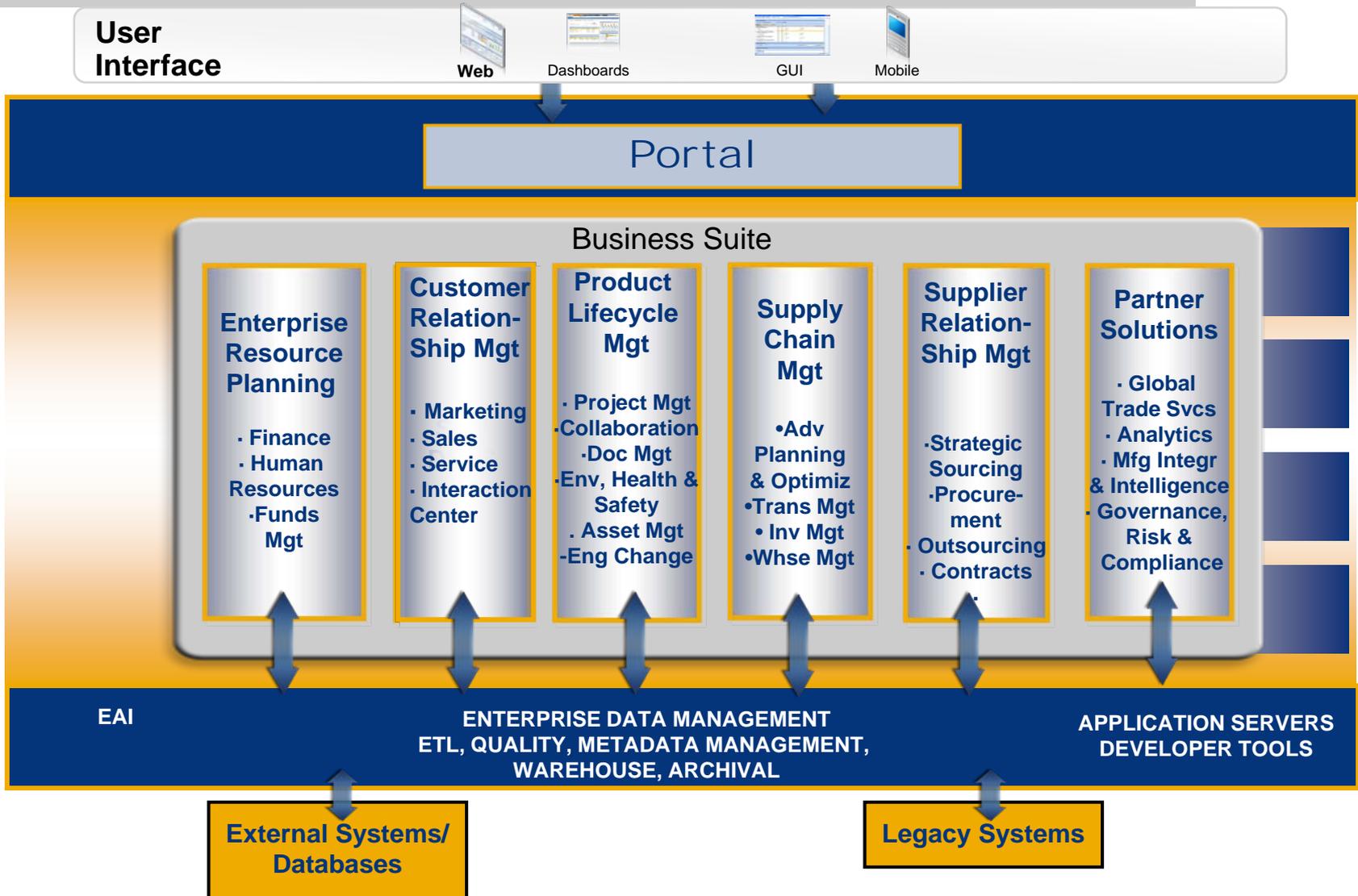
Raj Duvuru
Director - Industry and Solutions Group
SAP Public Services

Agenda - Enterprise Resource Planning in SOA Based IT Landscapes

- Traditional Business Suite - Overview
- Emergence of Collaborative Information Driven Processes
- New ways to run processes - Impact on ERP
- Service Enabled ERP for SOA Based IT Landscapes
 - Adherence to Open Standards ensures interoperability
 - ERP best practices as componentized, reusable web services
 - Clearly documented services
 - Flexible approaches to service providing and consumption
- Co-existence with SOA based and other technologies in the landscape

Typical Business Suite

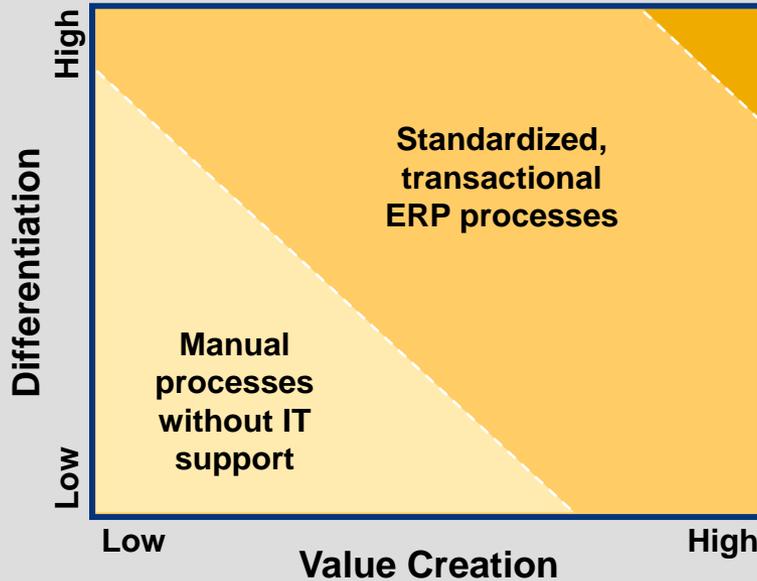
Integrated, Embedded End-End Best Practices



Changing Reality

Collaborative Information-Driven Processes

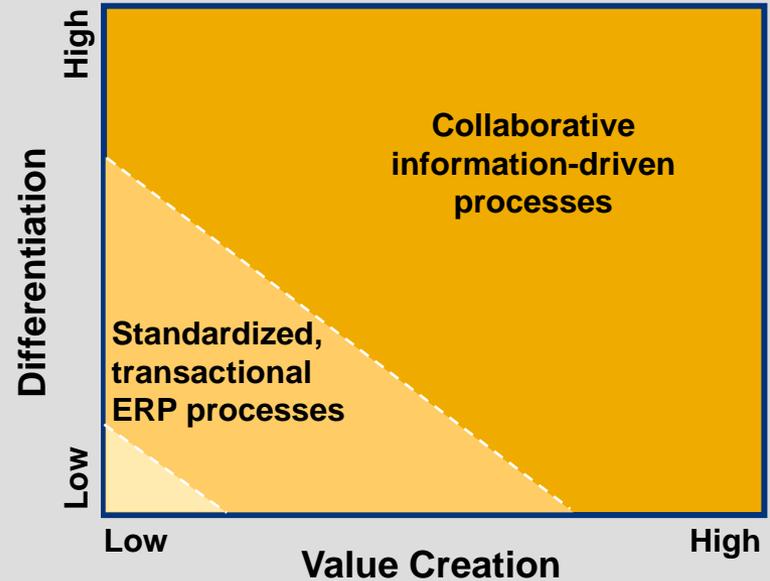
1990



ERP integrates data and transactional processes, supported by IT system.

Optimization and standardization of business processes is targeted.

2010



Transactional processes become commodity

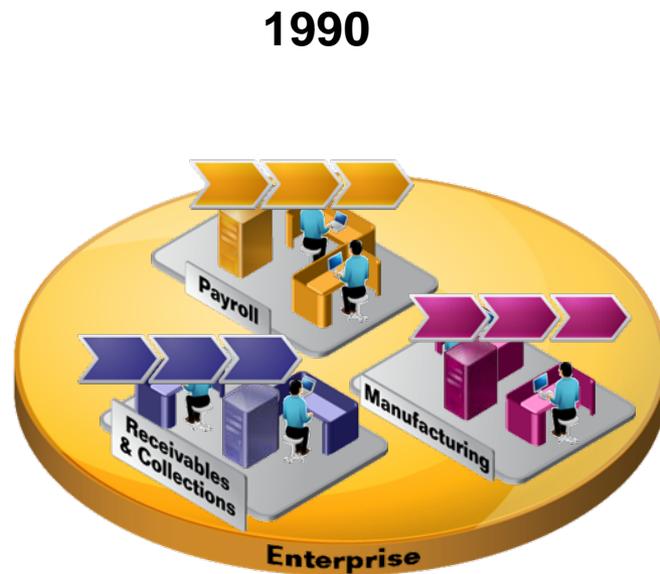
Differentiation lies in collaborative information process innovation across customers, organization and ecosystem

Collaborative, information-driven processes will become the main workstyle

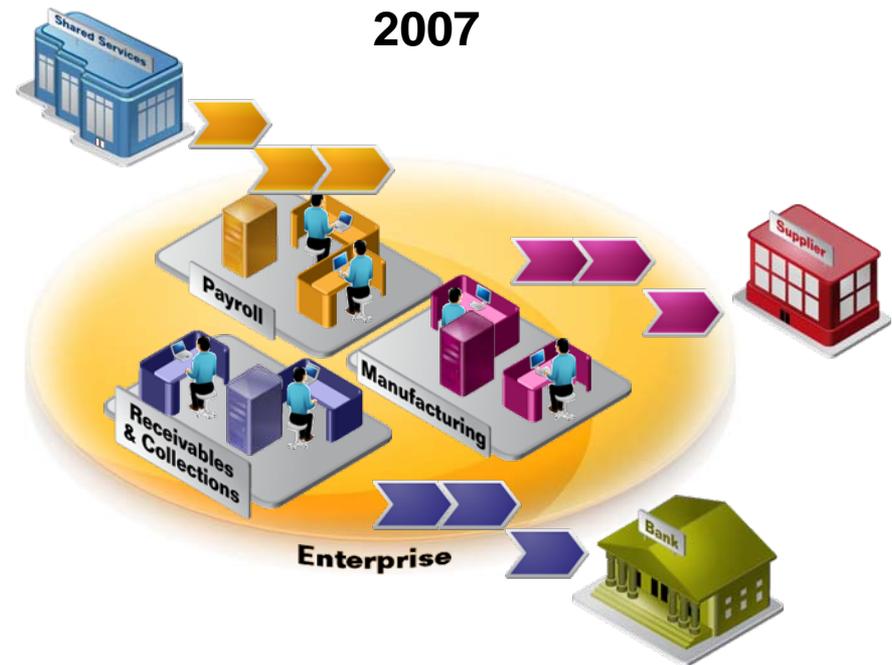
Source: Gartner, Person-to-Process Interaction Emerges as the "Process of Me," 2006

Customers Require More from ERP

From internal efficiency to business process innovation



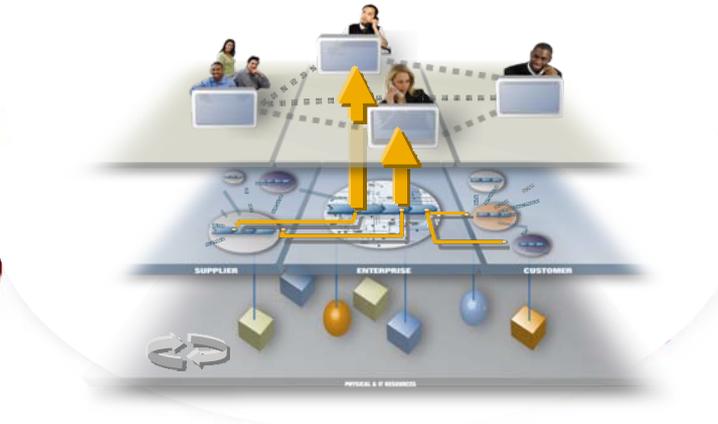
- Focus on internal efficiency
- Few users with special training
- “One-size-fits-all” solution
- Standardization, cost savings



- Focus on business networks
- Many casual users
- Industry-specific processes
- Business performance, growth

New ways to run the business – Adaptable processes

- ➔ Enabling Collaboration Across the Network in the Context of Business Processes and Events
- ➔ Collaboration concepts being embraced by enterprises



**Enterprise 1.0:
Robustness & Efficiency**

**Enterprise 2.0:
“We want both !”**

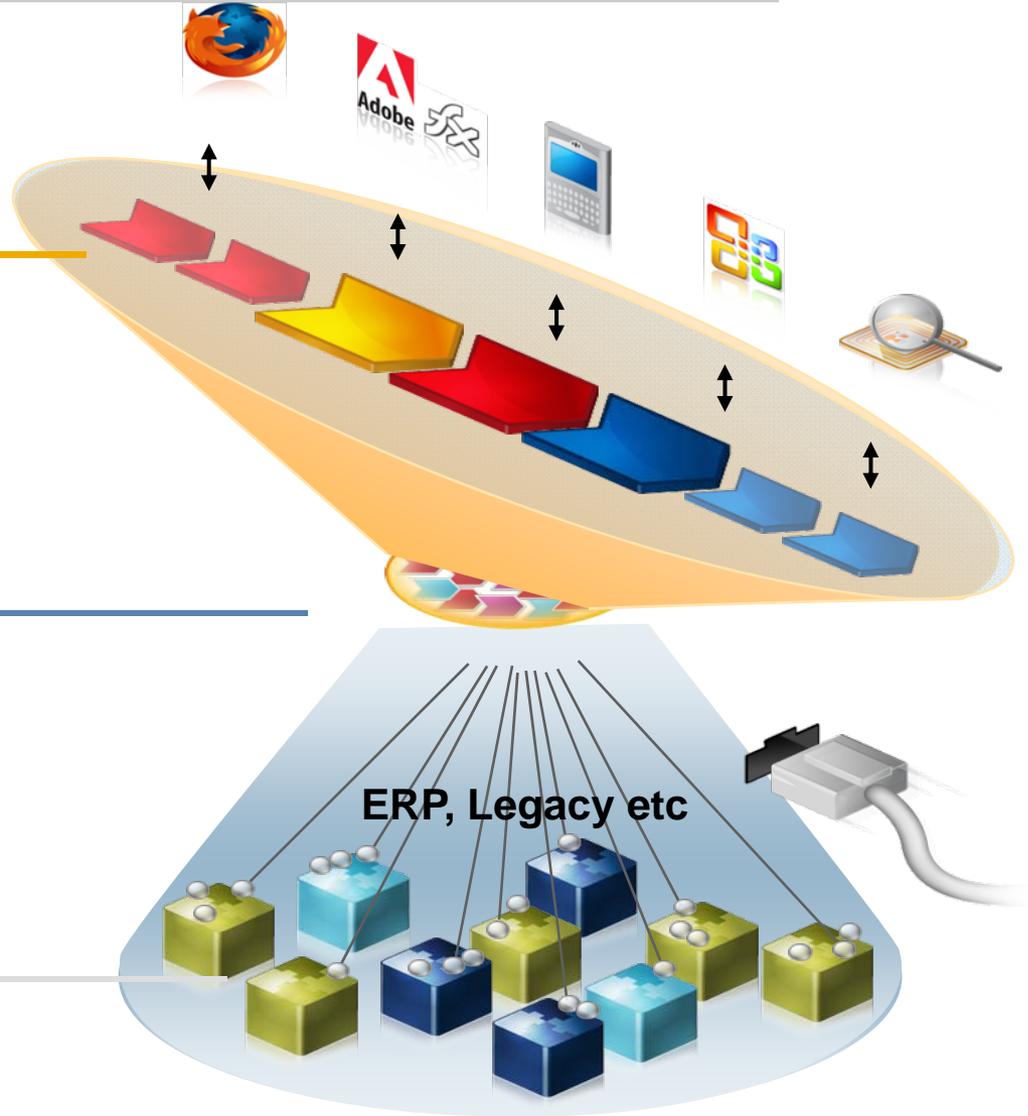
**Web 2.0:
Usability & Communities**

Enterprise - Different Perspective

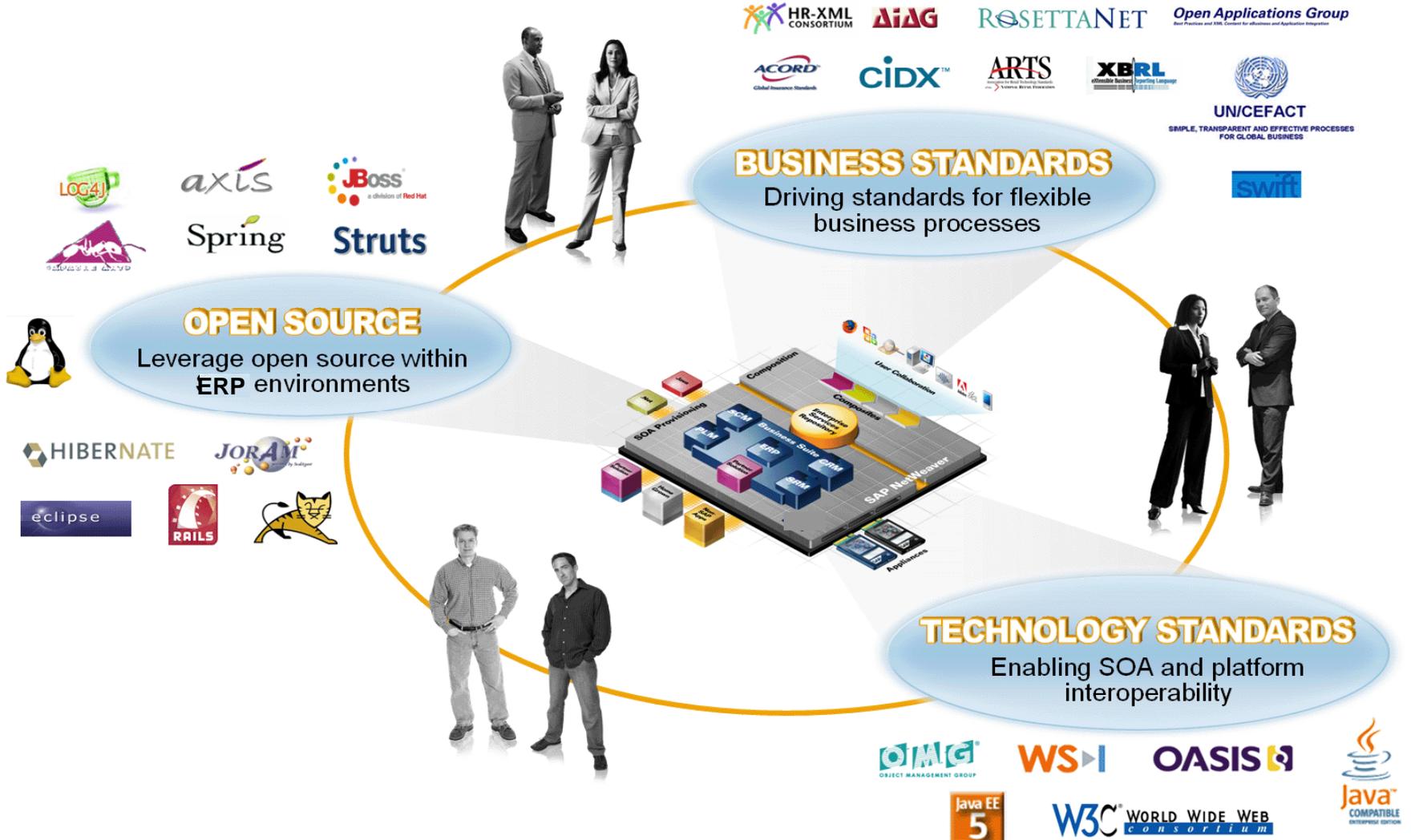
Enterprise 2.0
Ease of Use, Collaboration,
Multiple Channels

SOA
Open, Standards-based
Middleware & Services Repository

Holistic Data Governance
Unify Disparate Islands of Data
ERP, Legacy etc.

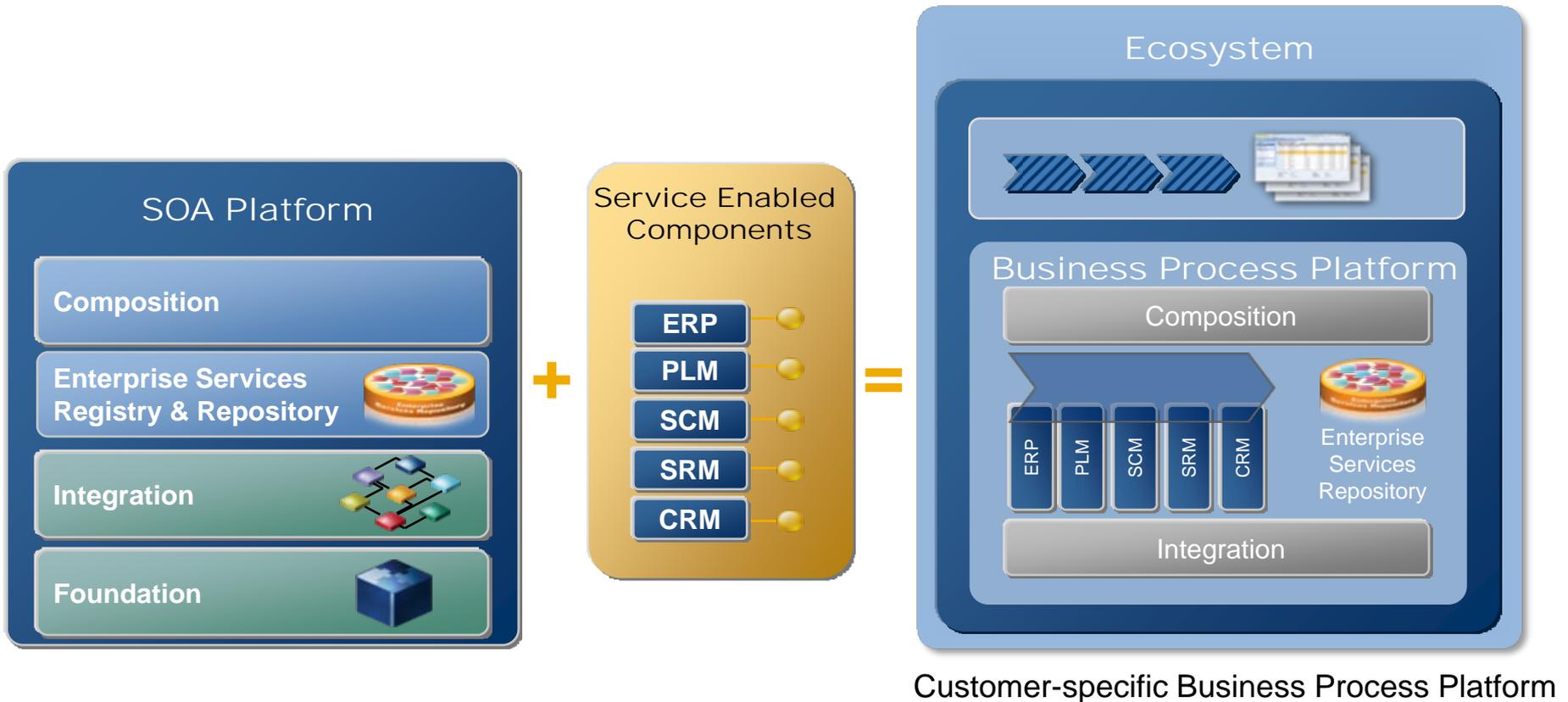


ERP for SOA Landscape – Foundation Adherence to Open Standards



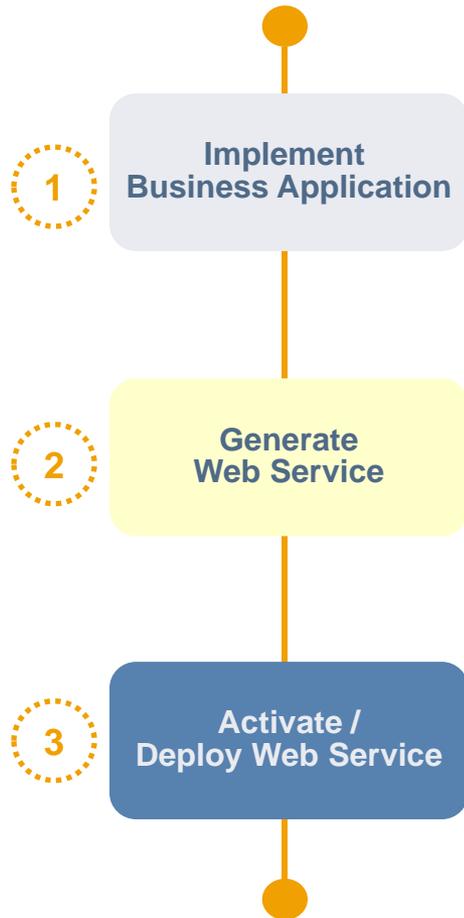
Business Suite for the SOA Landscape

Componentization and Extension of Industry Best Practices

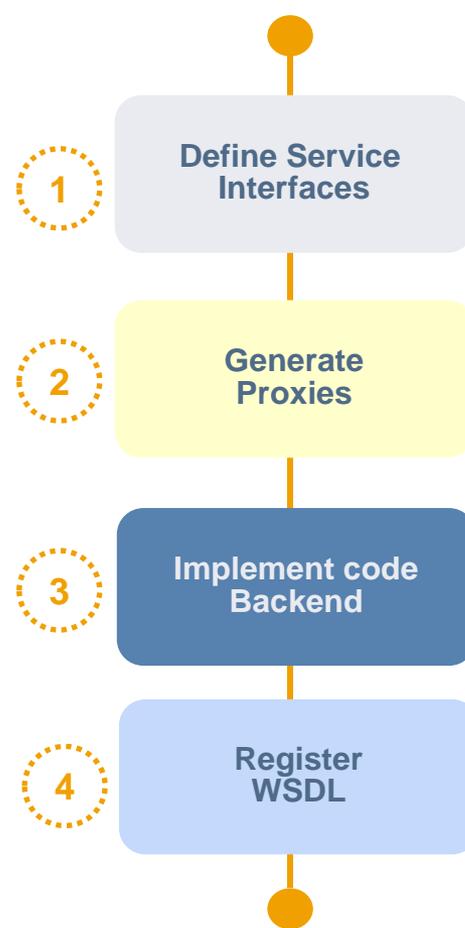


ERP Suite Examples - Approaches to Providing Web Services

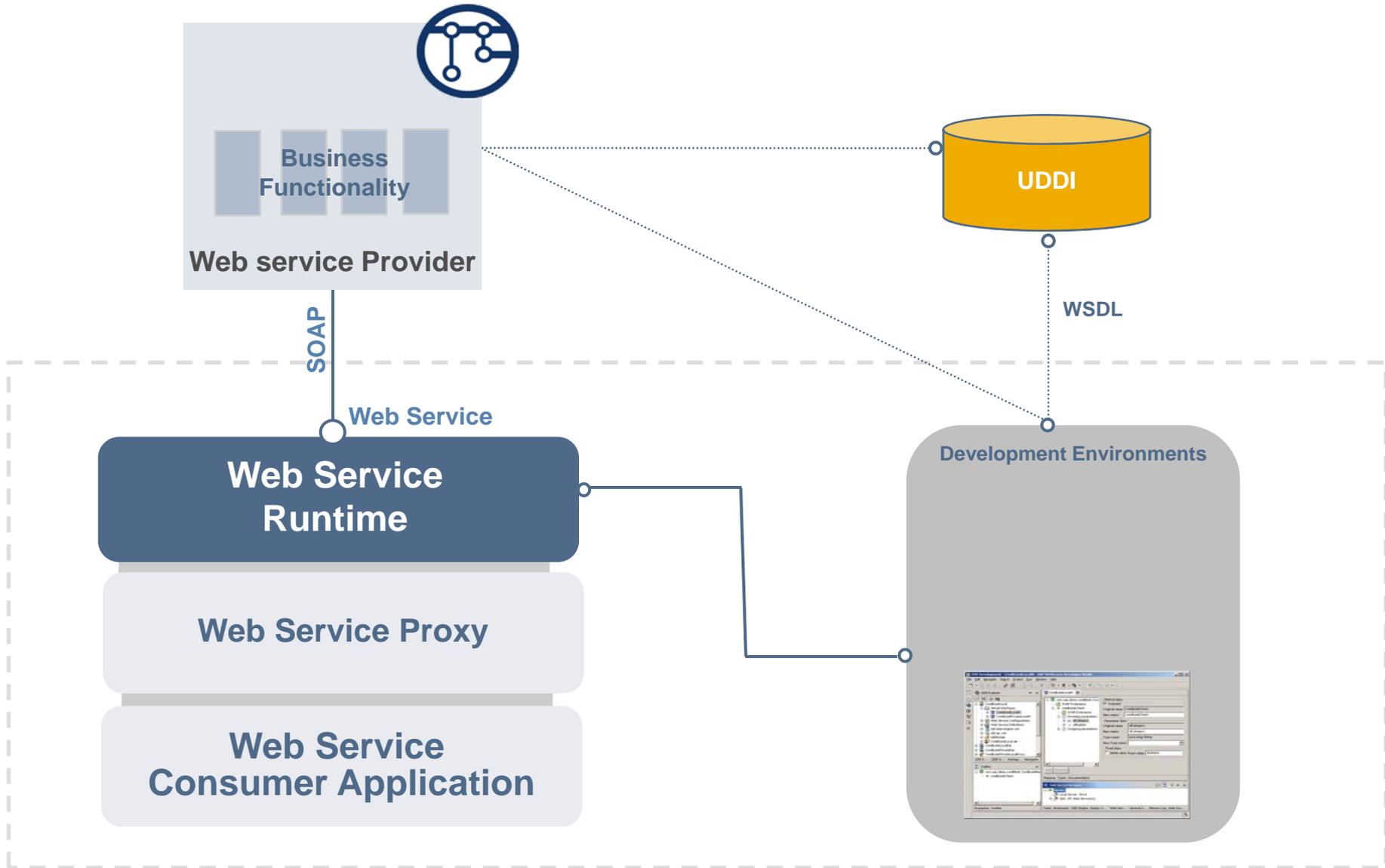
Inside-Out Approach



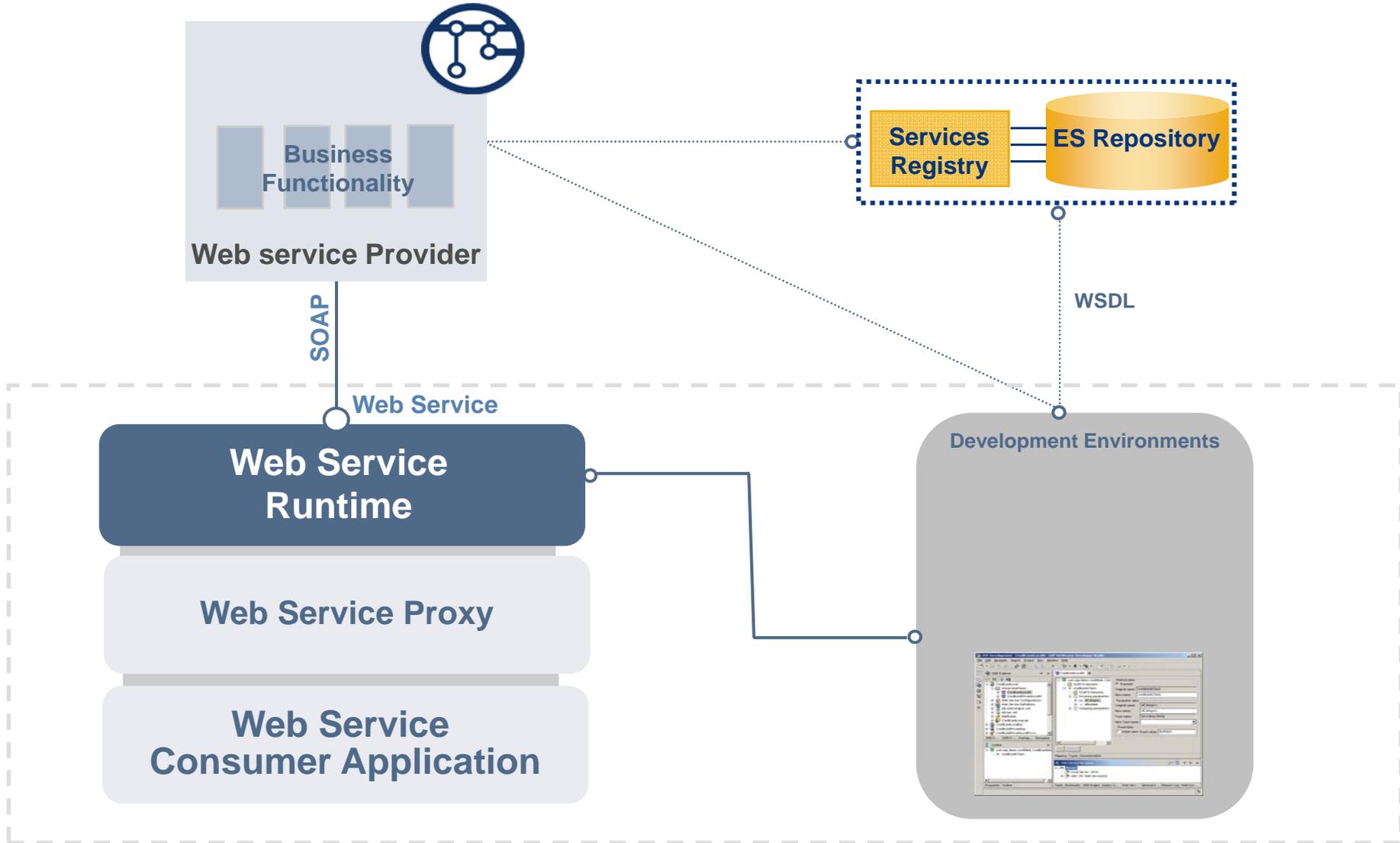
Outside-In Approach



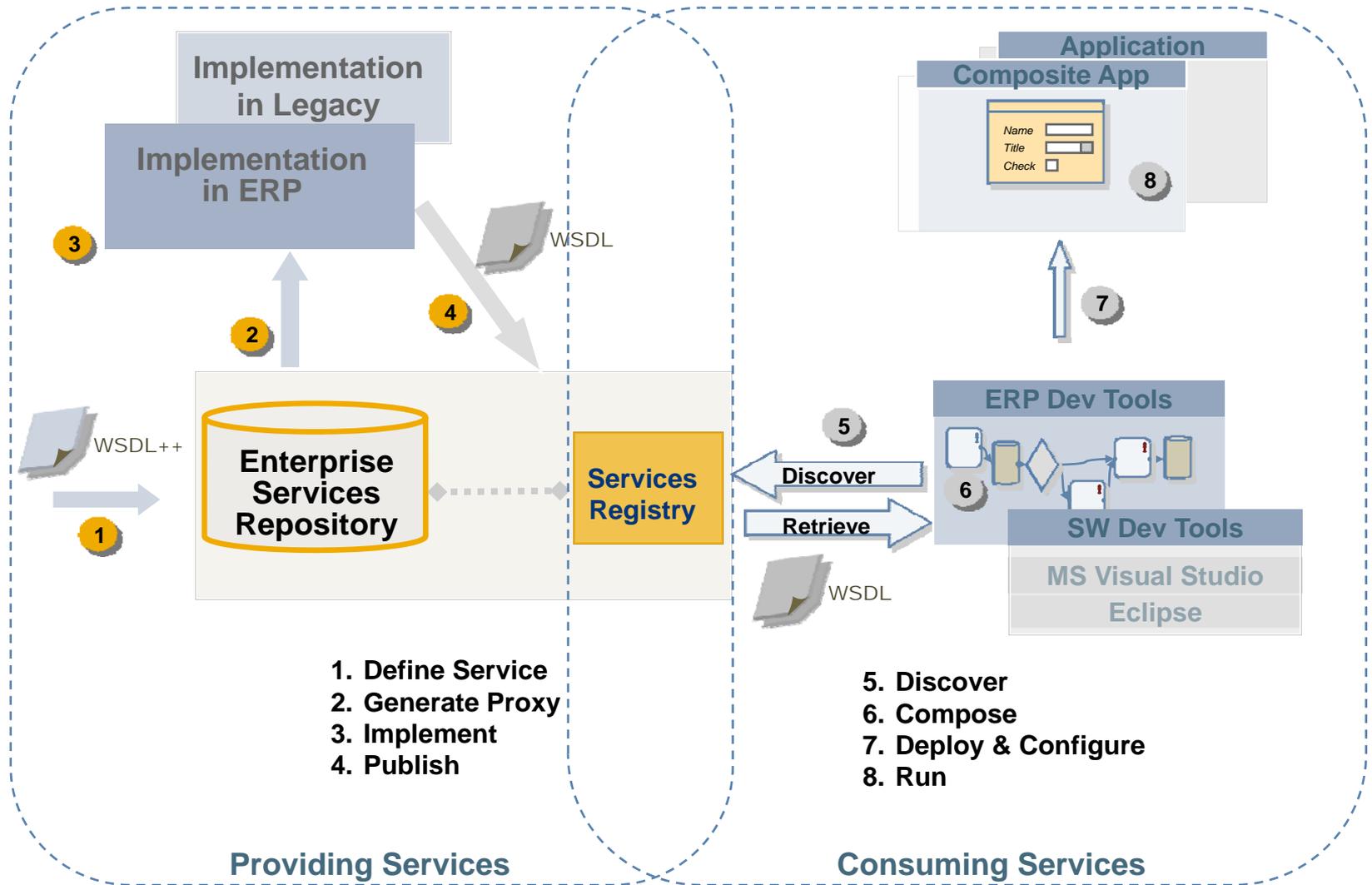
ERP Suite Examples - Approach to Consuming Web Services Provided by ERP



ERP Suite Examples - Approach to Consuming Web Services Provided by ERP



Example Approach to Working with ERP provided Services – Repository and Services Registry



Enterprise Resource Planning in SOA Based IT Landscapes

- ERP Service enablement
 - For delivering collaborative information driven processes through SOA
 - For achieving efficiency and for adaptability
- Adherence to Open Standards ensures interoperability
- ERP best practices as componentized, reusable web services
- Clearly documented services
- Flexible approaches to service providing and consumption
- Co-exist with SOA based and other technologies in the landscape

Thank you!

Raj Duvuru

Director, Industry and Solutions Group, SAP Public Services

Raj.Duvuru@sap.com

