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PRIMAVERA



Rid the World of Project Failure

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Primavera Integration Possibilities – Technical Overview

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Safe Harbor Statement

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Oracle Enterprise Software

Unprecedented Value

➤ **Deliver COMPLETE, Best-in-Class Solutions**

Solutions, not just administrative processes, that positively influence market competitiveness

➤ **On an OPEN Standards-Based Architecture**

Lowers risk through a broader choice of solutions and connectivity within and across the enterprise

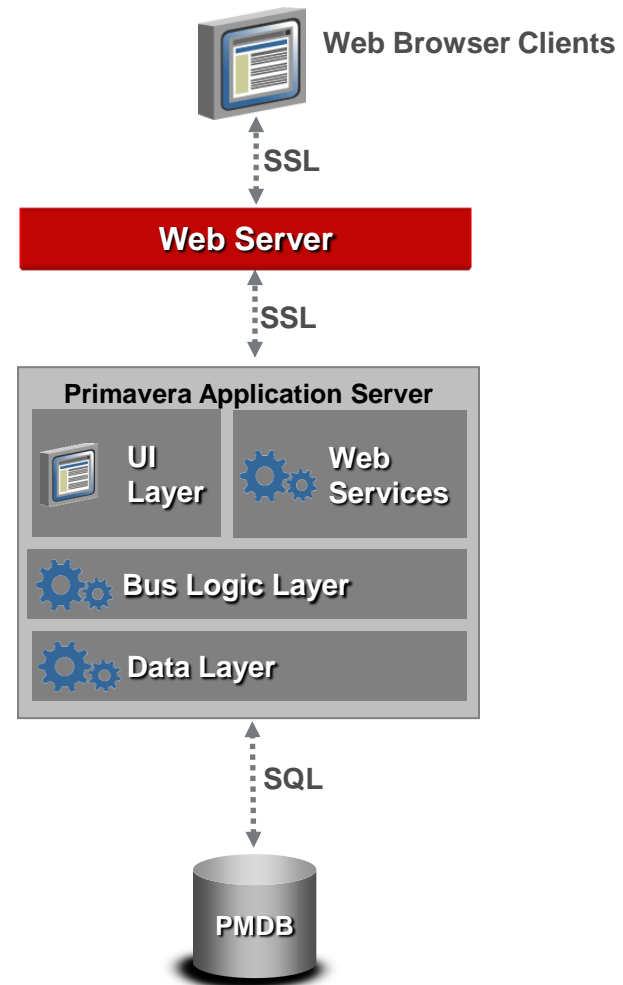
➤ **INTEGRATED for High-Value and Flexibility**

Out-of-box integration of processes, user experience, intelligence, and technology to reduce cost and provide flexibility to change

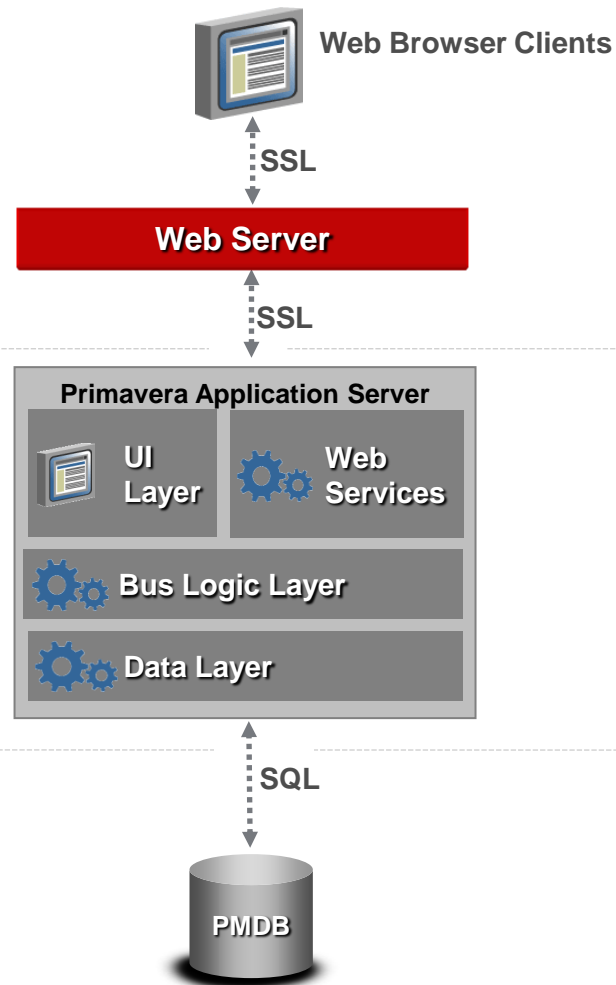
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100% Web Enterprise Architecture

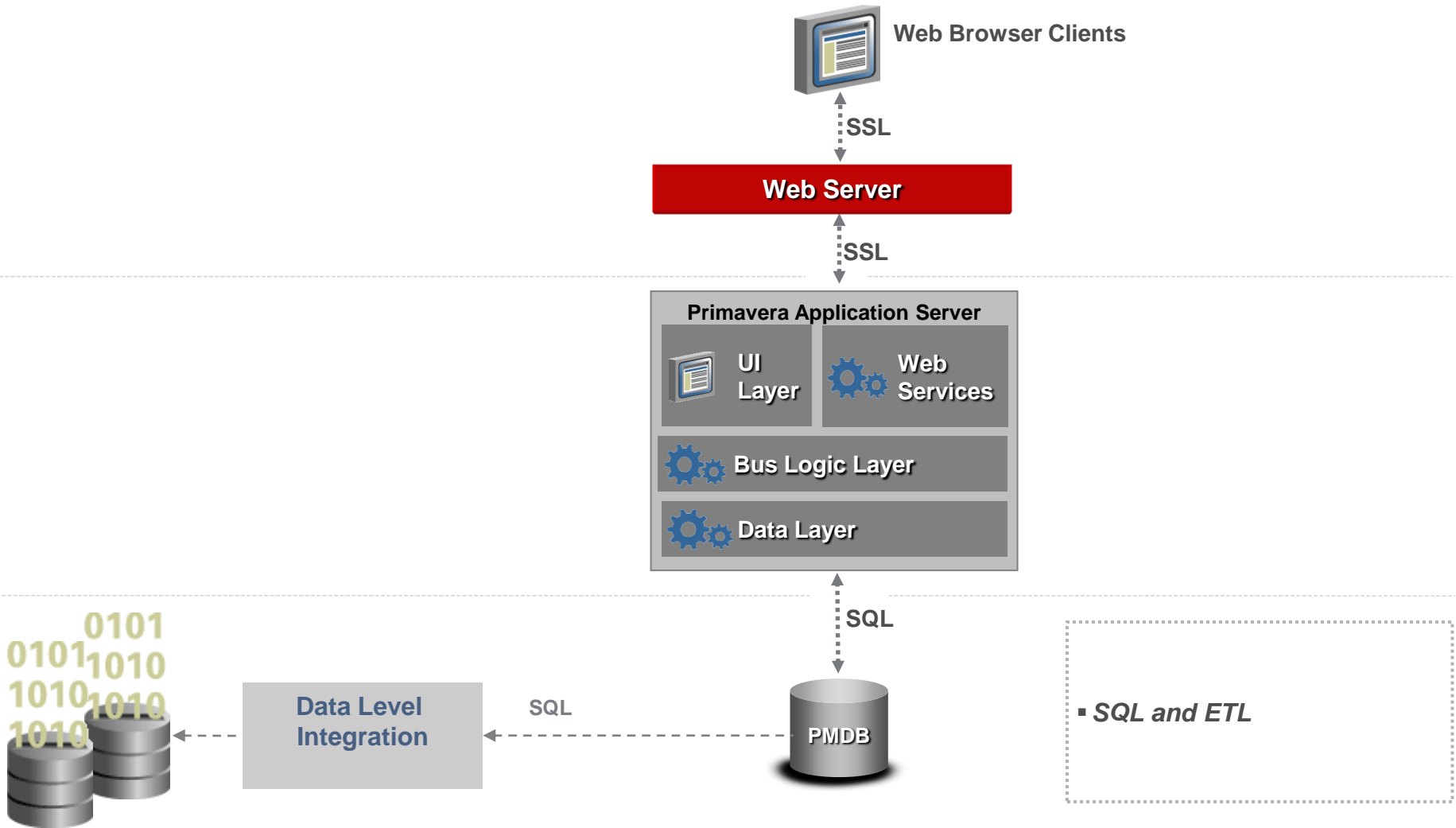
- All P6 users can access P6 via a web-browser
- Highly interactive, intuitive and personalized
- All application administration is accessible through the web browser interface
- Alerts and notifications to various destinations in various formats
- High performance
- Single Sign-On capabilities



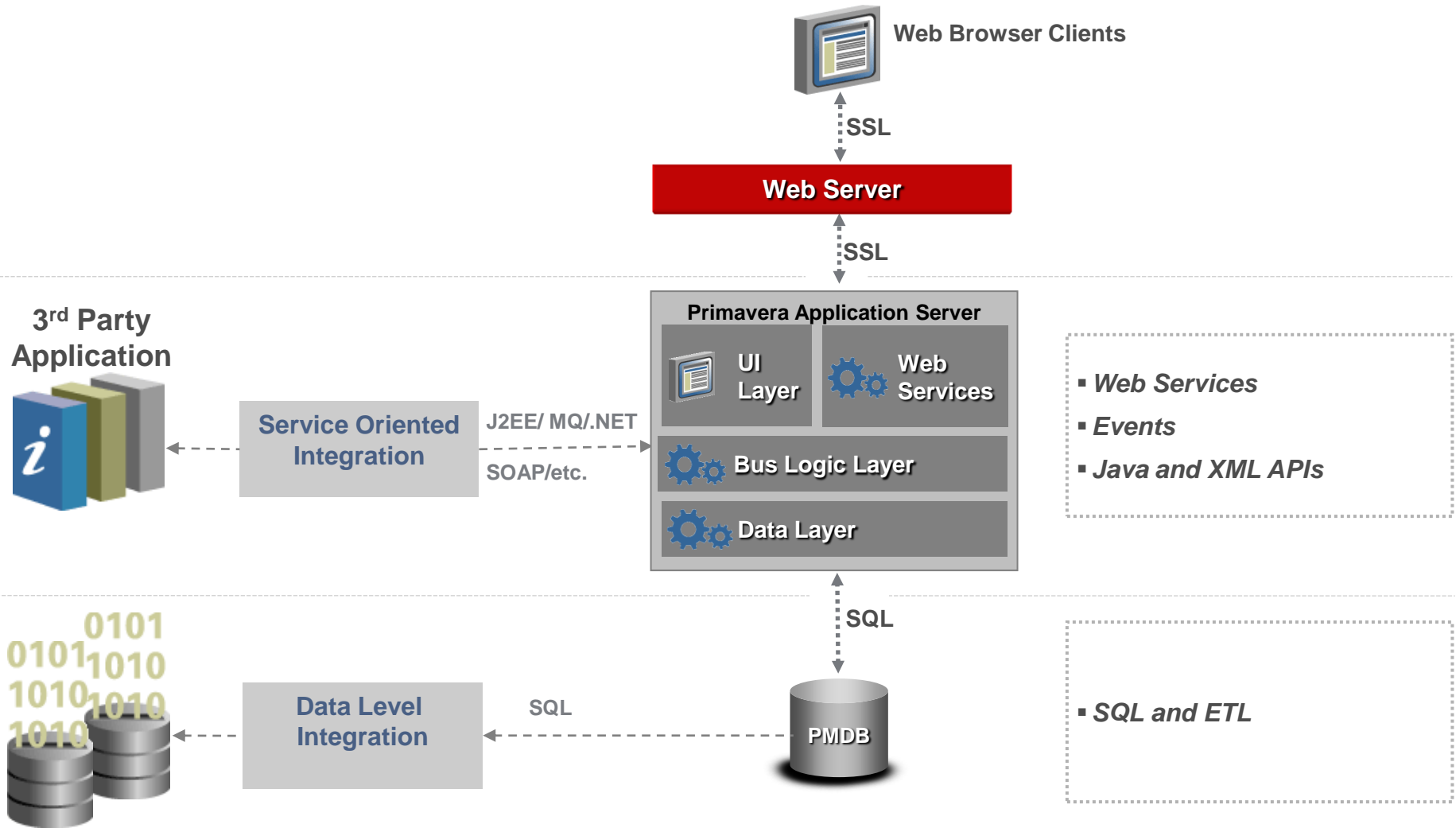
Three Modes Of Integration



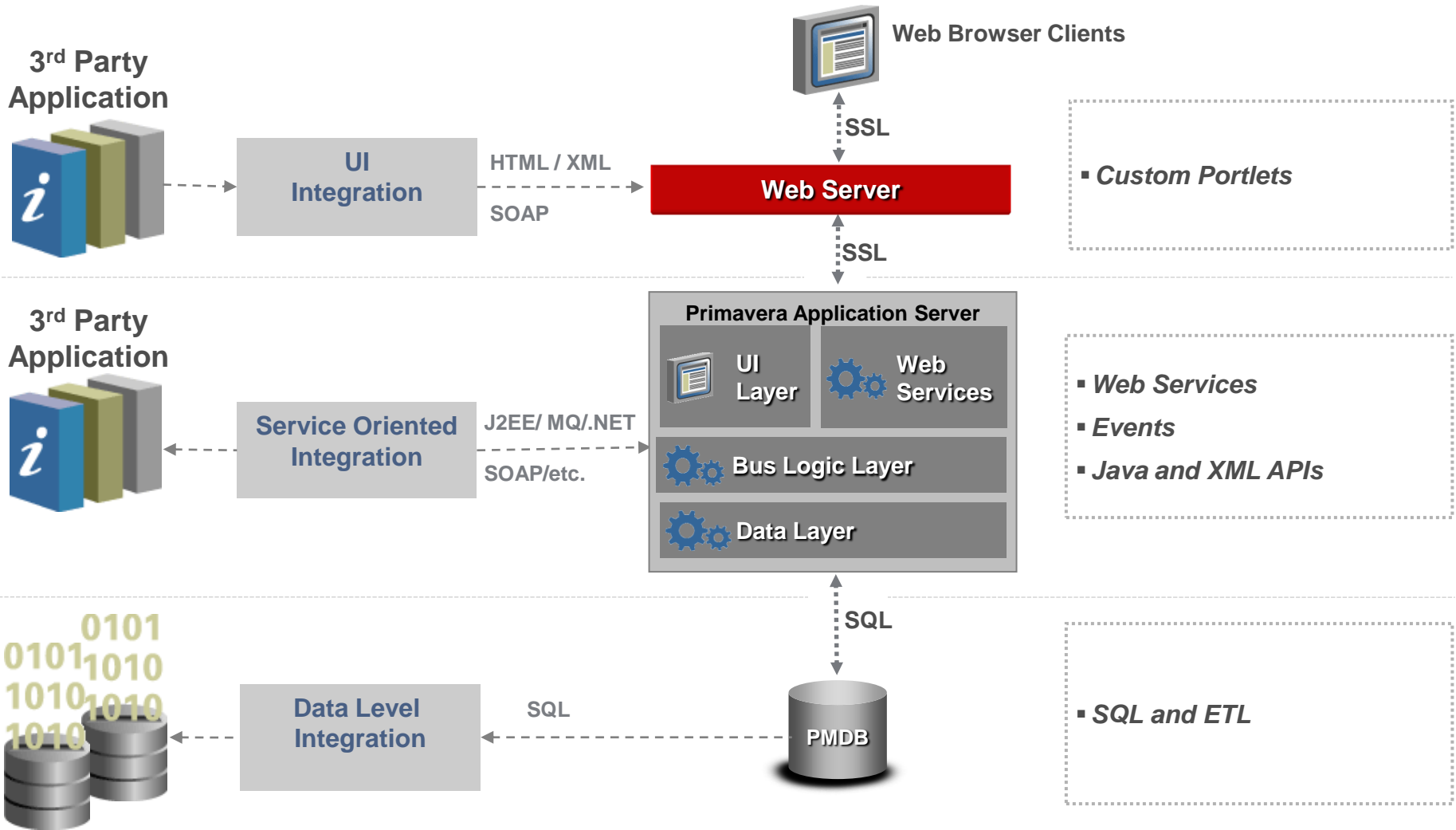
Three Modes Of Integration



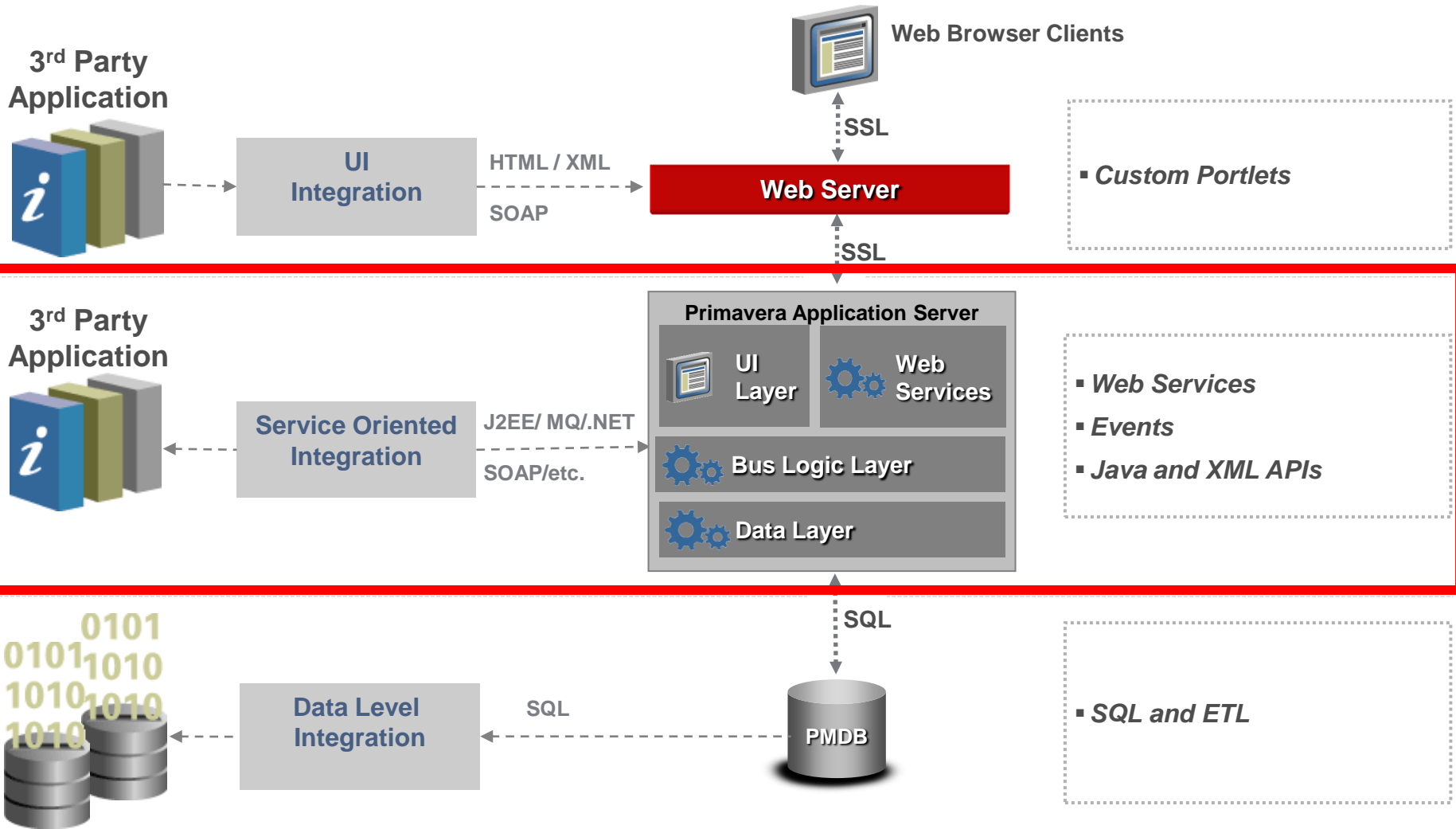
Three Modes Of Integration



Three Modes Of Integration

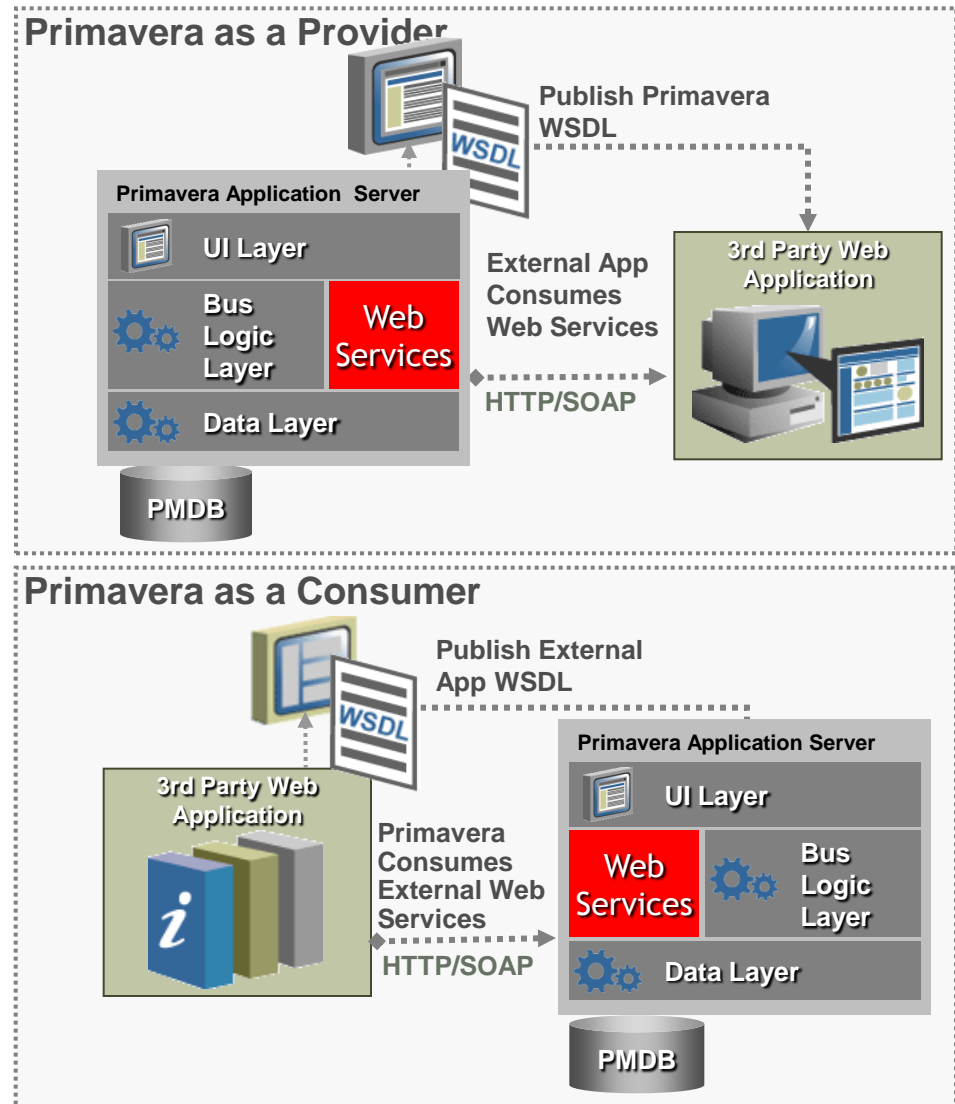


Three Modes Of Integration



Service Oriented Integration via Web Services

- Interoperable
 - .NET integration supported
- Enables consumption and publication of web services
- Based on core Web services standards
 - WS-*
 - WSDL
 - SOAP
 - XML
- SSO via SAML
- Eventing framework



Business Services Delivered as Web Services

- Supports Rapid composite application development
- An efficient and optimized approach for integrating with Primavera Applications
- Business object based services provide the following operations
 - Create
 - Read
 - Update
 - Delete operations
- Enables the Primavera Applications to fully interoperate as part of a Service Oriented Architecture

Project	Activity	Resource	EPS
Project	Activity Service	Resource Service	EPS Service
Baseline	Code Assignment	Code Assignment	Budget Change Log
Issue History	Note	Curve	Funding
Budget Change	Expense	Rate	Note
Code Assignment	Owner	Role	Spending Plan
Funding	Period Actual	Team	
Issue	Step	Role Limit	
Note	Step Template Item	Role Rate	
Portfolio	Step Template	Role Service	
Resource	Relationship	Role Team	
Resource Quantity	Resource Assignment	Shift	
Spending Plan	Resource Assignment		
Threshold	Resource Assignment		
Schedule Options	Period Actual		
WBS			
WBS Milestone			

* For a full list of Web Services available, please refer to the [P6 Web Service Reference Manual](#)

Event Enablement

- Powerful component in creating:
 - Notifications
 - Workflows
 - Custom business processes
- XML messages sent to JMS queue
- Triggered on
 - Creating / updating business objects
 - Invoking special operations

Project	Activity	Resource	Risk
Baseline	Activity	Assignment	Category
Budget	Feedback	Code	Impact
ChangeLog	Risk	Assignment	MatrixScore
Code	Code	ResourceRate	MatrixThreshold
Assignment	Assignment	ResourceRole	Response Action
Document	Note	ResourceTeam	ResponseActionImpact
EPS	Expense	Role	ResponsePlan
EPSFunding	Owner	Role Rate	ScoreMatrix
EPSBudget	Step	Role Team	Threshold
ChangeLog	Relationship		ThresholdLevel
EPSNote	Resource		
Issue	Assignment		
ProjectNote			
ProjectPortfolio			
ProjectResource			
WBS			
	Special Ops	Admin	
	Schedule Project	User	
	Summarize Project	User OBS	
	Apply Actuals		
	Approve Timesheet		
	Store Period		
	Performance		

* For a full list of Events available, please reference the [Using Events with P6 8.2 guide](#).

Workflow/Business Process Management (BPM)

- Leverages Oracle BPM Suite
- Initiate workflows within P6
 - Launched by users or P6 event actions
- Participate in workflows
 - Workflow worklist
 - Email notification
- Monitor workflow status
 - Indicate where workflow is currently
 - Actions taken in previous workflow steps

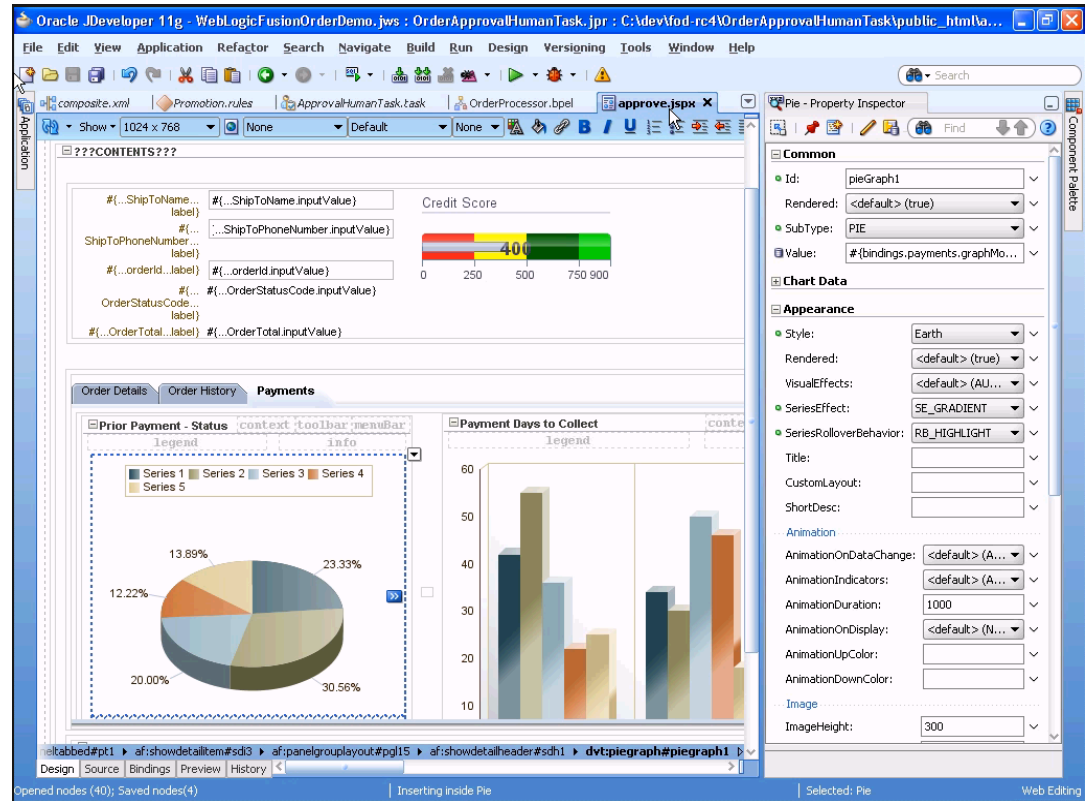
The image displays three screenshots from the Oracle BPM Suite interface:

- Project Request Form:** A form titled "Project Request" with a "SUBMIT" button. It contains fields for "Project Name", "Project Description", "LOB", "Sub-LOB", "Customer Name", "Strategic Initiative", "Funding Source", "Sub Funding Source", "Amount \$", "Project Request Start Date", "Solution Request Start Date", and "Priority".
- Workflows Table:** A table titled "Workflows" with columns: ID, Name, Role, Priority, Status, Last Modified By, and Last Modified. A dropdown menu is open over the "Role" column, showing options: "All", "Initiator", "Owner", and "Reviewer".

ID	Name	Role	Priority	Status	Last Modified By	Last Modified
/ProjectInitiate#Default-1.0/1/0	/ProjectInitiate#	Owner		Completed	Jack Smith	09/03/2010
/ProjectInitiate#Default-1.0/2/0	/ProjectInitiate#	Reviewer		Running	Jack Smith	09/03/2010
/ProjectInitiate#	/ProjectInitiate#					
/ProjectInitiate#	/ProjectInitiate#					
- Workflow History Diagram:** A diagram titled "History of /ProjectInitiate#Default-1.0/1/0 - Module Inflow". It shows a complex flow of activities represented by red and blue boxes connected by arrows, illustrating the sequence of steps in the workflow process.

Workflow Form Generation

- Visual Designer
- Completely auto-generated forms
- Data control for drag and drop editing
- Mash up data from other sources
- Rich set of interactive UI elements
- Charting and other visualization elements



Demo #1

Primavera Business Forms

Web Services enable Business Forms

No coding required!

Primavera Web Parts (Portals)

Open standards-based Web Services

.NET integration is easy!

Demo #3

Primavera – Jira Integration

Web Services PTP Integration
SOAP and ReST

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Q & A





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