

Oracle Business Process Analysis Suite

ORACLE BUSINESS PROCESS ANALYSIS SUITE

KEY FEATURES

Business Process Analysis Suite

- Business Process Architect
- Business Process Publisher
- Business Process Simulator
- Business Process Server

Rich and easy to use modeling environment for business users.

- Design conceptual process maps.
- Define goals, KPIs, SLAs, Risk and Control models.
- Design detailed flows consisting of automated activities, human workflow, rules, data (structured and unstructured).
- Design organizational, data and IT Systems model
- Rich report generation
- Sophisticated Impact Analysis

Sophisticated Simulation

- Discover process and resource bottlenecks.
- Analyze the impact of changes in future processes
- Simulation of sub-processes and shared resources.

Careful analysis and continuous optimization of business processes can deliver a real competitive advantage. Conversely, a random approach to process design negatively impacts a company's bottom line. This insight is causing successful companies to adopt BPM as a way of aligning their business processes with customer requirements. Success with BPM requires that there is no business strategy to implementation gap and the empowerment of business users to participate in all stages of the business process life-cycle. All of these require closed-loop integration between modeling, execution and monitoring environments for continuous and holistic business process improvement.

Product Overview

The Oracle Business Process Analysis provides comprehensive modeling, analysis and simulation capabilities for enterprise wide business processes. Oracle BPA supports Enterprise Architecture, process improvement and change management initiatives and provides for alignment of BPM and SOA initiatives. In addition, the suite is innovatively integrated with Oracle SOA Suite to provide closed loop BPM capability enabling business analysts and developers to closely collaborate throughout the entire BPM life cycle using the best tools for their specific needs.

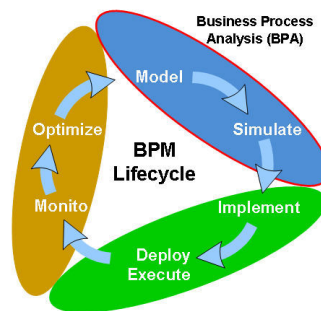


Figure 1: Closed-loop integration between Oracle BPA Suite and Oracle SOA Suite

Oracle BPA Suite is comprised of three components:

- **Oracle Business Process Architect** for modeling and simulation
- **Oracle Business Process Server** for storing and providing concurrent access to business process models and related artifacts.
- **Oracle Business Process Publisher** for role based presentation of process content to a web portal.
- **Oracle SOA Extensions** enable you to take business processes from concept to execution by sharing process blueprints with Oracle SOA Suite

Bridging Business-IT Gap

- Meaningful conversion of business requirements to BPEL process definitions.
- Innovative Process Blueprint for synching Executable process with the business process model.
- Continuous collaboration of business and IT with intelligent merging of changes done to the process model by business users or developers

Comprehensive support for role-based development

- Access control and authentication support for creating workgroups and organize projects across the enterprise.
- Role-based secure work portal for collaboration among business users.

Powerful Enterprise Business Repository

- Concurrent user access for collaborative design of business process models.
- Controlled document access through check-in/check out mechanisms.
- Rich Import/Export capabilities.

Alignment with Enterprise Architecture initiatives

Standards Support

- Comprehensive BPMN support.

Design, Run and Optimize Your Business Processes

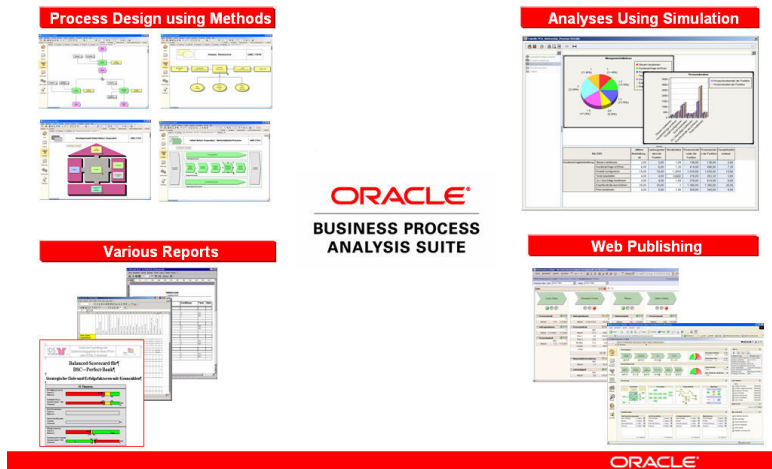


Figure 2: Oracle Business Process Analysis Suite

Comprehensive and intuitive modeling environment for business users

Oracle BPA Suite provides a rich and intuitive graphical modeling environment tailored to business users for defining process maps and detailed process flows consisting of both human, automated and rule steps that spans across organizational boundaries. It has extensive support for modeling shared resources such as process-centric roles and organizational structures as well as data and IT systems landscapes. These resource models can be shared across business processes and aligns the BPM initiative with the Enterprise Architecture initiatives. The tool performs semantic validation of models and provides visual guidance on fixing errors.

- Unique BPMN to BPEL mapping

Collaborative development

Promotes role-based development so that everyone in the organization can effectively contribute to every stage of the process life cycle. Process models and shared resources can be organized in to projects that can then be associated to one or more workgroups. The Suite includes a process portal that fosters collaboration among business users distributed across geographic locations.

Process Blueprint – Bridging IT and Business Gap

The Oracle BPA Suite is innovatively integrated with Oracle SOA Suite (the process execution and monitoring components) through the shared meta model called as the *Process Blueprint* to enable complete lifecycle management of business processes. This unique value-generating approach enables both business and IT to work off a shared process definition.

Automatic translation of business requirements in to BPEL processes:

Once business decides that a process blueprint is ready for sharing, IT can access and edit it from within their environment. Rich process definitions get generated from the Blueprint promoting rapid and meaningful process automation and reducing the strategy to implementation gap by translating the business requirements directly in to almost ready to deploy BPEL process definitions.

Alignment of business model and IT process: The executable process is always in lock step with the business process model. Business users can create and change business models in the Oracle Business Process Analysis Suite while IT users can view and modify these processes in parallel using the Process Designer component of the Oracle SOA Suite.

Empowerment of both Business and IT: The Blueprint also supports bi-directional synching enabling both business and IT to work on the same process at the same time. Business level changes can automatically be merged with any changes done by the developers to ensure that the implemented process is inline with the expectations of the business users. Further, IT can make changes to the blueprint that then become visible to business users as proposals for improvement.

KEY BENEFITS:

- Closed-loop engineering between the modeling, execution and monitoring phases for effective BPM.
- Empowering business user to participate across the entire BPM life cycle.
- Reduce trial and error and improve business process performance through impact analysis and simulation.
- Alignment of business strategy with IT by directly translating business requirements to code
- Promotes rapid development by generating executable code automatically from the model.
- Life-cycle management and governance of business processes
- Automatic generation of reports and documentation
- Open standards support

Continuous Optimizations: Further, process metrics collected from the execution engine can be fed in to the simulation component of the Oracle Business Process Analysis Suite for performing analysis based on real-time data and for continuous process improvements.

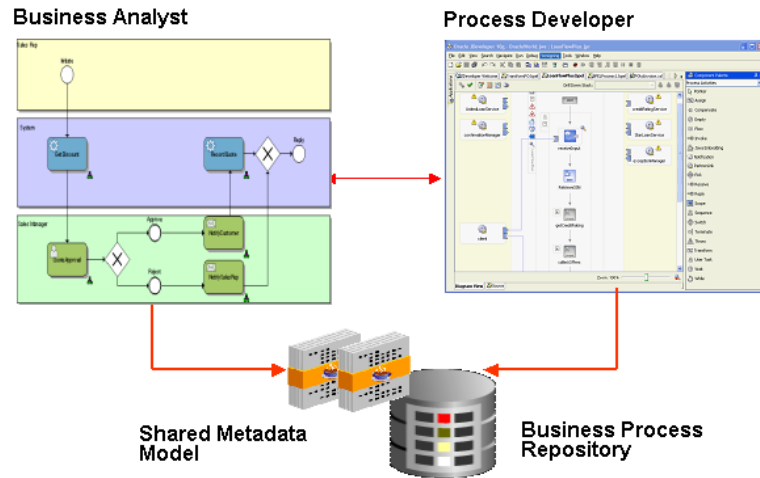


Figure 3: Process Blueprint – shared metadata that links model with the executable process

Robust simulation environment for process optimization

- Sophisticated simulation for evaluating the performance problems of “as-is” processes and the potential impact of changes of “to be” processes.
- Extensive simulation capabilities that covers sub-processes, embedded rules and shared resources such as roles.
- Identification of problems in processes, organizational structure and to unlock improvement. Generation of rich cumulative and detailed results.

Business Repository

Holds business artifacts and business metadata such as process models, data models, organization model, IT systems model, and risk and control models. It promotes concurrent usage and simultaneous access of several users to the same model via implicit check-in and checkout capabilities.

RELATED PRODUCT AND SERVICES

The Oracle Business Process Analysis Suite is part of the Oracle Fusion Middleware product family and core component of the Oracle BPM Solution. Related products include:

- Oracle Business Process Management
- Oracle SOA Suite
- Oracle Web Center
- Oracle BPEL Process Manager
- Oracle Business Activity Monitoring (Oracle BAM)
- Oracle Business Rules

Standards Support

The 10.1.3.3 version comprehensively supports Business Process Modeling Notation (BPMN) 1.0 standard. The models are translated without any loss to BPEL that can then be deployed to Oracle's Process Execution Engine, which is a leading implementation of the BPEL standard.

For more information

Please visit <http://www.oracle.com/technology/products/bpa/index.html>