

Cost Assessment of Risk-sensitive Banking Processes with the Living Systems® Process Suite

Features

- ❑ **Integrated modelling, execution and control** of your business process
- ❑ Business goal expression supporting **real-time dynamic optimization** of process execution, leading to processes that continuously improve as your business changes
- ❑ **Collaborative business and IT perspectives** on the business process through clean separation of *what* and *how*
- ❑ **Organizational modelling** linking departments and roles to process activities
- ❑ **Multi-user and multi-process** collaboration tools
- ❑ **Model-driven web-based user interface**
- ❑ **Fast prototyping and roll-out** with process module and task libraries
- ❑ **Comprehensive version control** of all process models and deployed instances

Solution platform

The **Cost Assessment Solution for Risk-sensitive Banking Processes** is a business application of the Living Systems Process Suite, the integrated BPM platform for organizations that wish to:

- ❑ master process and organizational change
- ❑ cut operational costs associated with their business processes

The **Living Systems Process Suite** leverages advanced software agent technology to deliver full-spectrum process model and execution management with built-in support for continuous in-flight process improvement and exception management. This approach consistently delivers lean processes with painless, high-value end-to-end business agility.

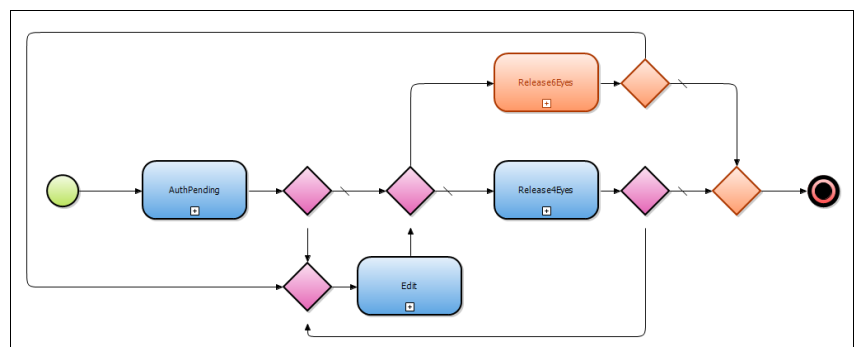
Gain powerful insights through off-line measurement and real-time tracking of cost and risk sensitivity across all of your business and operational processes.

Off-line Process Cost Assessment

Business tool for assessing the cost profile of your processes

Evaluate the cost profile of your business and operational processes with side-by-side comparison of process variants.

- ❑ “What if” cost analysis of alternate process variants (see the figure below)
- ❑ Expose the cost profile of your process-related risk factors
- ❑ Compare actual process costs against expectations, e.g., to check invoicing
- ❑ Profile costs at resolutions ranging from the entire process to an individual task
- ❑ Identify organizational costs per participant, e.g., department, role, person
- ❑ Gain visibility over hidden, exceptional, and complex costs
- ❑ Can be used without integration with your IT system



Example of two variants of a banking message verification process

Real-time Event-driven Process Cost Assessment



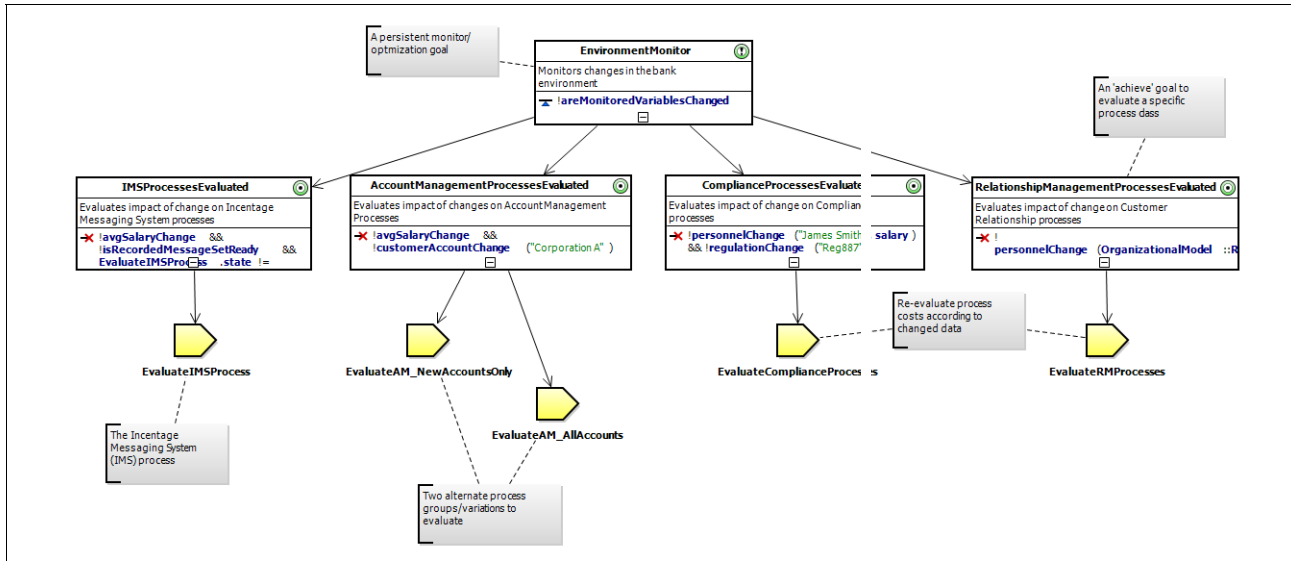
Continuously monitor key attributes of your business environment

Keep a live track on risks through changes to accessible data-points within your business environment.

Sources may be diverse, including databases, transaction systems, messaging systems, portfolio management applications, etc.

Changes to be tracked could, for example, include:

- ❑ Business department reorganization
- ❑ New customer account registration
- ❑ Invoice reception
- ❑ Alteration to a regulation
- ❑ Staff member *J. Smith*



Example of a goal-oriented real-time evaluation control process

Trigger cost evaluation when data-point attributes change

State which changes to your key data-point attributes must trigger a process cost evaluation. For example:

- New account is opened/account is closed by customer C
- Invoice is received from supplier S for amount > set limit L
- Employee J. Smith is transferring department within the company
- 30-89 day non-accrual assets > set threshold T
- Financial transaction seizure event

Profile your costs and risks for identified processes

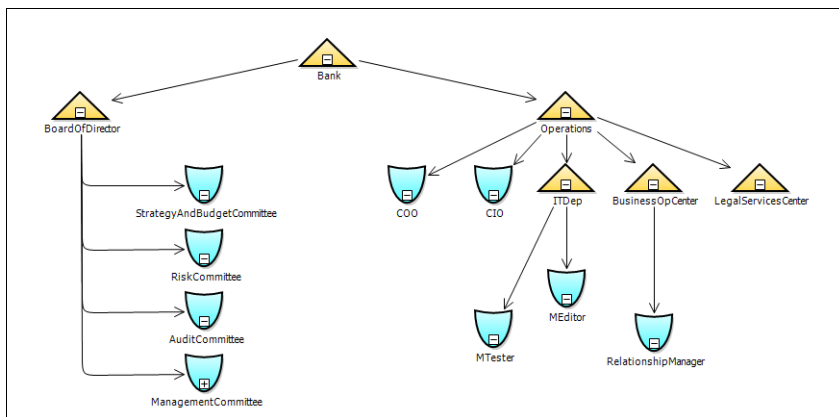
Evaluate the cost and risk impact of changes to your key data-point attributes on selected business processes. Attributes may be combined. Example process groups might include:

- Core messaging processes
- Message verification processes
- New account management processes
- Credit rating processes
- All relationship management processes

Report evaluation results

Reports are issued on demand or automatically according to the resultant cost profile. For example, when:

- Overall process cost > average cost of same process for period P
- Cost of a specific task in a process > a pre-determined threshold factor



Example of an organization chart: costs may be identified per department, role, or person

About Whitestein Technologies

Whitestein Technologies is a vendor of software products designed to take advantage of the latest advances in software technology, including goal-oriented software agents and autonomic computing.

Whitestein Technologies' flagship product is the Living Systems Process Suite, one of the most advanced BPM platforms available on the market today. Targeting process agility as a core feature, the Process Suite offers a fully integrated modelling and execution environment for enterprise-strength deployments.

Whitestein Technologies was founded in 1999 and is privately held. The firm is headquartered in Zürich (Switzerland) with several global offices.

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