

# BPSim with Enterprise Architect

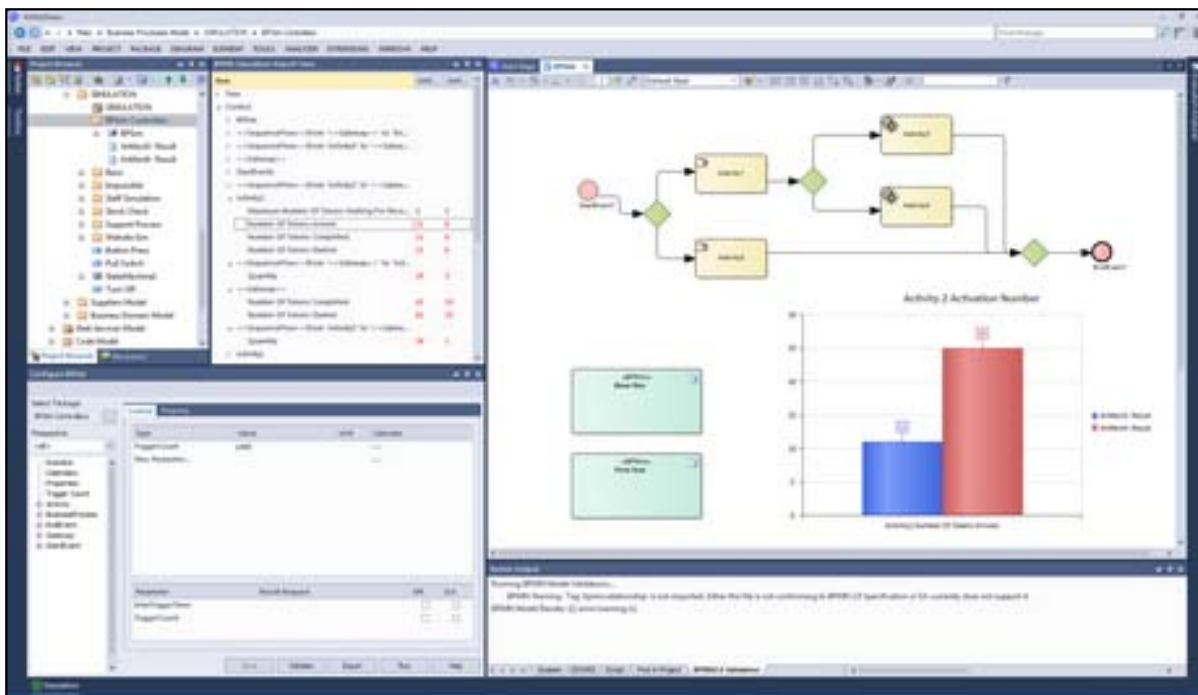
A strategically powerful decision-support tool that replaces assumptions with proven business cases.

Sparx Systems inclusion of BPSim in the release of Enterprise Architect 13.5 now allows the user to exchange data with any compliant simulation engines.

A specification for parameterization and exchange of process analysis data, BPSim allows the creation, comparison and reuse of different simulation configurations stored within the model.

Assign operating information to a model and quickly assess the quality of the solution based on the results from the selected BPSim engine.

Dynamically replicate the results from a chosen course of action. Simulation provides risk-free, robust, comprehensive testing, without any real world consequences for the business.



BPSim configuration screens display multiple perspectives of individual setup process aspects, Control Time and Resource:

Control defines how activity flows through the process, moderated by the likelihood of a sequence of events and the priorities of certain events

Time (Temporal) defines how the duration of one or more phases in the processing of an Activity influences the business process

Resource defines the involvement of workers and other resources along with their types, roles, required numbers, costs and availability



# Benefits of using BPSim

- ✓ Thoroughly analyse business processes safely in an isolated environment prior to deployment
- ✓ Lower cost of business transformation/ explorations
- ✓ Less time validating potential scenarios
- ✓ Zero disturbance to current operations

## Confirm the Operational Behaviors of the Model

- Ensure they comply with the Semantics of the Modeling Language
- Confirm that the simulation generates the correct operational behaviors with respect to the language used to model the business process

## Confirm the fidelity of the modeled Business Process

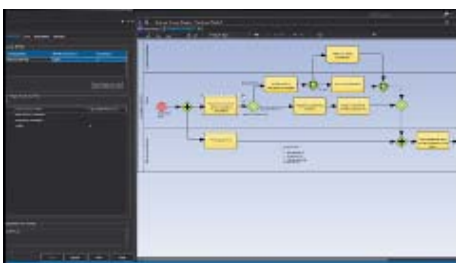
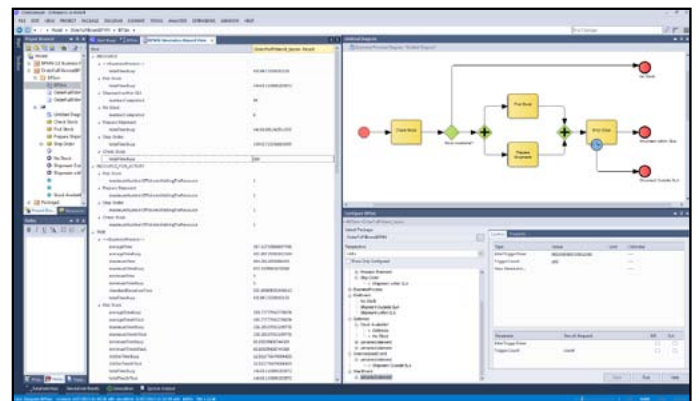
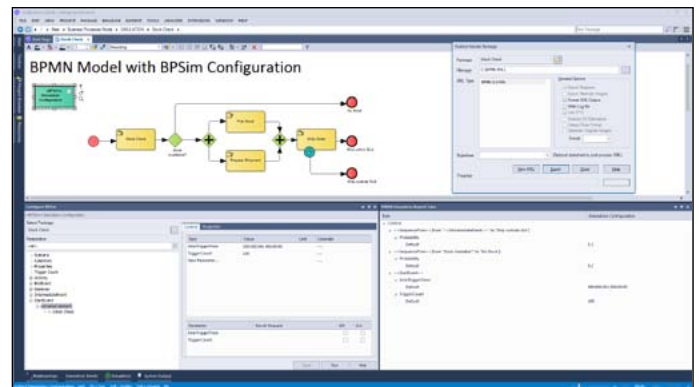
- Performance results are similar to those actually experienced for the business process

## Analyse the Operational Behaviors of the Model

- Identify Performance Problems of the As-Is Process

## Facilitate Reengineering of the Process

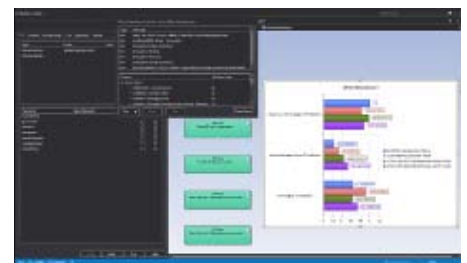
- Conduct what-if and sensitivity analysis through the design and re-parameterization of the to-be process



*Simulate your model*



*Create reports to make decisions*



*Graphs and Charts helps visualize your results*

Powered by: L-Sim

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For more information see [www.sparxsystems.com/bpsim](http://www.sparxsystems.com/bpsim)