

Multi-method simulation tool

Application and benefit

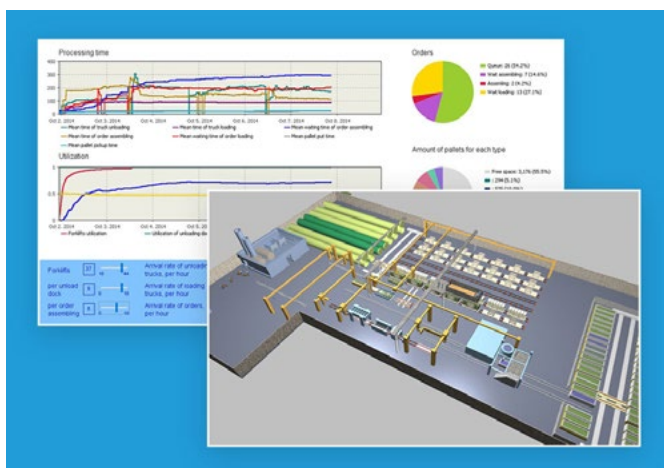


AnyLogic is a dynamic simulation tool, manufactured by The AnyLogic Company, which supports all common approaches to simulation methodology, that is, system dynamics as well as process-oriented (discrete-event) and agent-based modeling. These methods can be combined in a model in any way.

With this software, almost all enterprise-related application areas can be modeled, such as production, logistics, business processes, market and competition, and supply chain.

Special features

- Reduction of development costs and times
 - Fast integration of prefabricated simulation elements through comprehensive object libraries
- Development of diverse models with a single tool
 - Agent based, system dynamic, event oriented, continuous or dynamic models
- High flexibility as well as unlimited extension possibilities by operating system independent Java environment
 - Software can be run on Windows, Mac and Linux
- Easy to use animation functions
- No runtime licenses is necessary for model operation due to generation of Java applets
 - Models can be run anytime and anywhere
- Extensive possibilities for data analysis and evaluation with business graphic objects, such as bar, pie and stack charts, time series plots and histograms

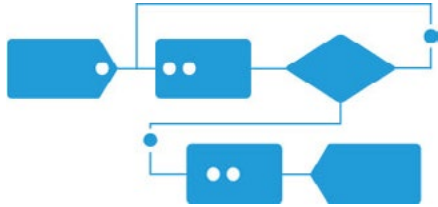
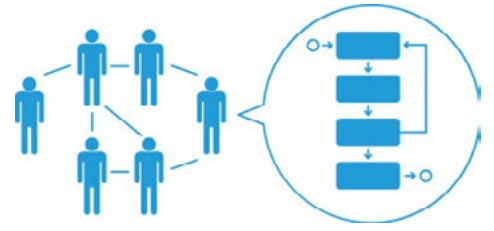


The behavior of systems and equipment can be analyzed and weak points uncovered with the help of experiments and the comparison of different scenarios. However, these tests are often very costly and often not even possible during operation. In this case, it can make sense to move from the real world to a virtual model world and experiment with a model without risk. The findings and solutions can eventually be transferred to the real system.

Multi-method modeling

Agent-based approach

- Many small entities (agents, e.g., people, companies, projects, products) have decision or action possibilities - the system behavior results from the behavior of the individual agents
- Application examples: Consumer behavior, social networks, economic systems, business processes

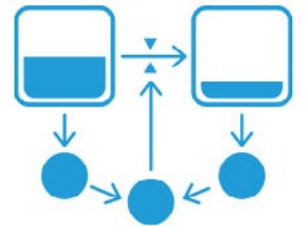


Discrete Event Modeling Approach (Discrete Event Modeling)

- Events are considered in the system flow
- Simulation of complex processes possible
- Application examples: Representation of processes in manufacturing and logistics

System dynamic approach

- Holistic analysis and simulation of complex and dynamic systems
- Long-term and strategic consideration using a high degree of high abstraction
- Application examples: Supply chain management, inventory management, population development



AnyLogic Cloud - Transform your simulation model into a decision support platform for daily operations

Store models in the cloud and link them to operational data. Set up experiments, give end users access to those experiments, and use the end users to access these experiments from simulation without delay.



SimPlan AG was founded in 1992 as a service provider for the simulation of operational processes and today, with more than 120 employees, it is one of the leading German providers of simulation services.

Why SimPlan?

We are a cross-industry full-service provider for simulation, supporting companies of all industries with extensive expertise in the analysis and optimization of their business processes

- Objective and independent analysis
- Detailed knowledge in logistics and production from over 30 years of project work
 - Development and use of standards
 - Permanent advancement of simulation topics through research and development
- Excellent resources to respond quickly to your issues
- Close collaboration and project integration with a high level of on-site involvement
- Development of innovative solutions for the efficient handling of problems
- Neutral distributor for simulation software
 - Support in software selection and implementation as well as training

Feel free to contact us

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