

CLASS

Warehouse Layout and Simulation



Software for planning and simulation of logistics systems



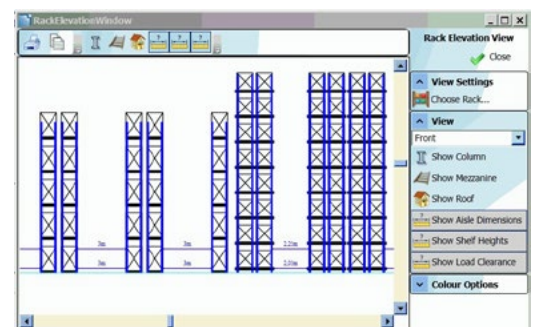
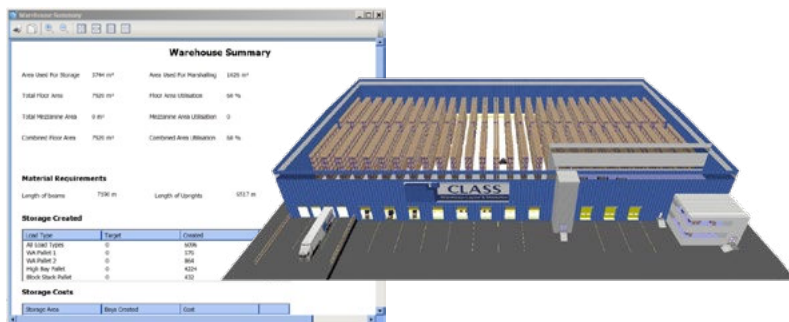
Application and benefit

The development of **CLASS** is based on the idea of providing logistics specialists with a tool with which they can develop logistics concepts with **little training and check their suitability** without risk. CLASS is thus a computer-based planning and simulation tool for **logistics systems**..

Application area warehouse planning

The CLASS planning environment is used for **3D layout planning of warehouse locations**. **Buildings, roadways and storage areas** are developed based on the available site area. The basis for this are CLASS basic modules for building shells, truck docks, floors, storage systems, etc. The planning results include **numerous key figures**, such as the number of vehicles.

The planning results include numerous key figures such as the number of parking spaces, space requirements, different views and the 3D model. The planning result is rounded off with the creation of **dynamic videos of the warehouse location**..



Application area warehouse simulation

The CLASS simulation environment allows the effects of a wide range of measures to be investigated both during the planning and

The simulation environment of CLASS allows the effects of **various measures to be examined both during planning and for existing systems without interrupting daily operations**.

When planning new logistics systems, the layout, warehouse equipment, processes and staff deployment can be checked for their suitability and optimised.

During operation, for example, the effects of increased quantities can be investigated or the operational process optimised.

CLASS simulation topics and their benefits

- Picking process
- Warehouse configuration
- Zoning
- Picking method
- Vehicle types
- Staff Planning
- Storage types
- Automation vs. manual
- seasonal fluctuations
- Truck arrival and departure
- Storage capacity
- Load planning
- Replenishment strategy
- ...



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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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