



SimWalk 5.0 - The Next Generation of Pedestrian Simulation

With SimWalk 5.0 Savannah Simulations AG, the developer of SimWalk, makes a major leap forwards into the future of pedestrian simulation technology. Version 5.0 includes a high-accuracy, next generation pedestrian algorithm, delivers high-end performance through parallelization and cloud integration, a completely overhauled user interface, targeted for ease-of-use, and better analytics than ever.

SimWalk 5.0 is the product of over a decade of experience and research in pedestrian simulation technology. It builds on the main insights gained during this time and the core factors deciding about the success of pedestrian simulation:

- An accurate and highly realistic walking and route choice model
- A high-end simulation performance capable to easily simulate 100'000s of pedestrians in minimal time through parallelization and cloud integration
- A software user interface and usability built on simplicity and speed
- Fast and comprehensive analytics

Advanced Intelligence and Route Choice

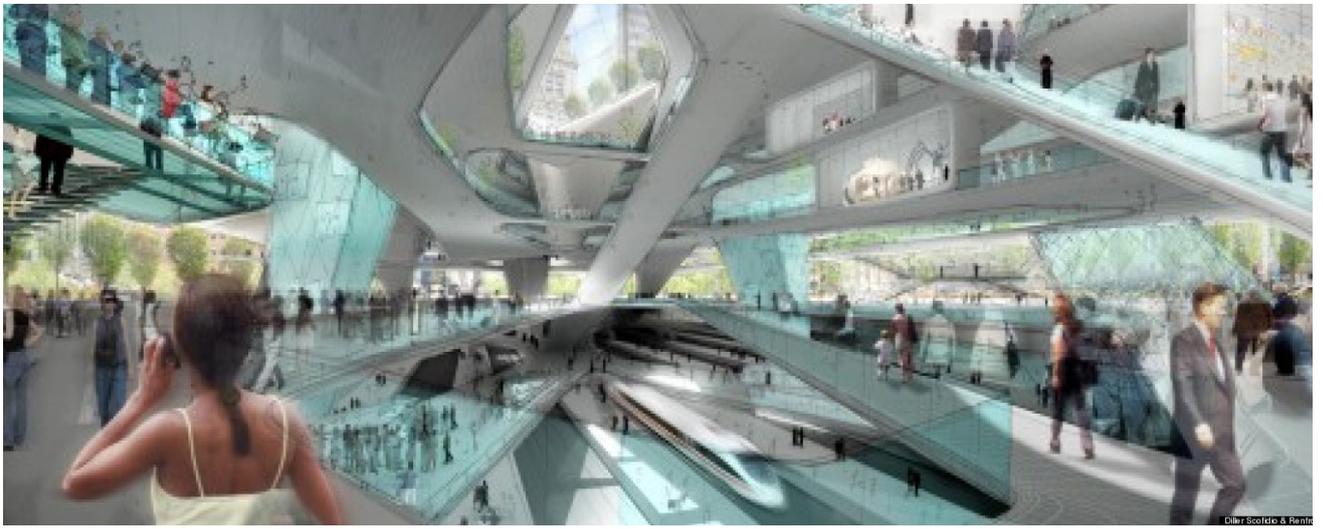
The new SimWalk 5.0 algorithm adds real-world way finding intelligence to pedestrians through a new and advanced heuristic route choice model. Pedestrians intelligently calculate their way by a heuristic mix between shortest path and shortest distance to the destination, by congestion avoiding and considering comfort factors (e.g. a person with a wheelchair avoiding a stair). Pedestrians find their way realistically by balancing their planned activities (e.g. ticket buying, coffee shop, rail trip) with the route choice model.



Performance up to 100'00s of Pedestrians

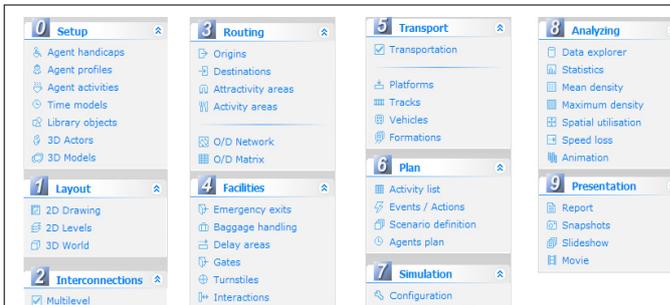
With the application of pedestrian simulations to increasingly larger areas up to city-wide simulations, calculation performance is a core requirement. SimWalk 5.0's high-performance parallelization and multi-core support as well as cloud integration allows to simulate up to 500'000 and more pedestrians in minimal time, depending on the available CPUs in use.

The new cloud accessibility of SimWalk 5.0 delivers scalable calculation performance for every project need, from platforms to stations to cities. Depending on time constraints and budget, the user decides for the optimal performance that is needed for the task. In addition, the cloud offers new services like SimWalk-360.



New Interface: Pedestrian Projects Made Easy

The completely overhauled graphical user interface of SimWalk 5.0 improves the speed and learning curve for conducting pedestrian simulations in a major way. The interface is based on and optimizes the basic workflow for pedestrian simulation. It guides the SimWalk user step by step through the simulation process and controls the validity of every step. The integrated tool SimWizard supports the user with every step, from model set up to the final analysis.



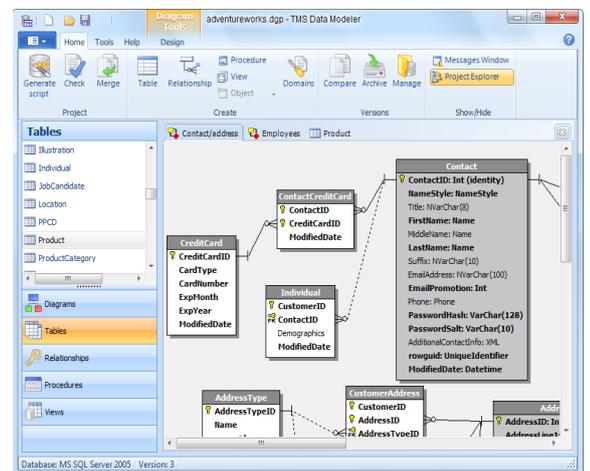
What's New?

- Advanced, intelligent walking and route choice model
- High-performance through parallelization, multi-core support and cloud integration
- New user interface for more ease-of-use
- Extended and customizable list analytics
- New 3D rendering engine for more impressive 3D visualizations

Download the DEMO soon:
www.simwalk.com/download.php

Fast and Customizable Analytics

Every user has different analysis needs. SimWalk 5.0 offers a wide range of analysis tools, based on customizable templates. Do you want to evaluate connection times, densities or dwell times? With SimWalk 5.0 you are able to sample your favourite analytics in re-usable templates and get the analytics you need - fast and easy. A new, more powerful 3D rendering engine adds to the new dimension of pedestrian simulation, provided by SimWalk 5.0.



Contact

Savannah Simulations AG
 Alex Schmid / CEO
 Alte Dorfstrasse 24
 CH-8704 Herrliberg
 Switzerland
 Phone: +41 (0)44 790 17 14
alex@simwalk.com
<http://www.simwalk.com>