

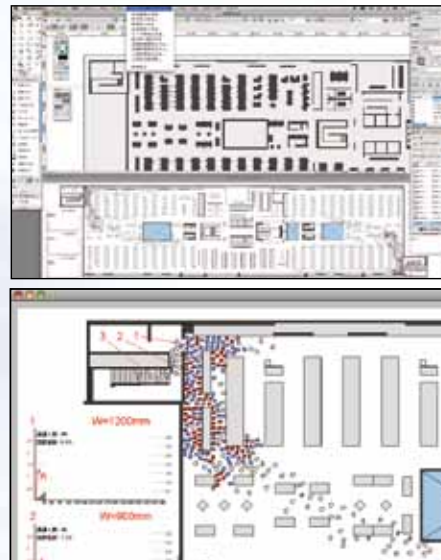
# SimTread: Simulate Pedestrian Traffic Flows Through Your Designs

Do you need to study pedestrian movement in a design or project? With SimTread, you can now simulate occupant/pedestrian movement with ease and quickly obtain the data you need to analyze how people will move through a design.

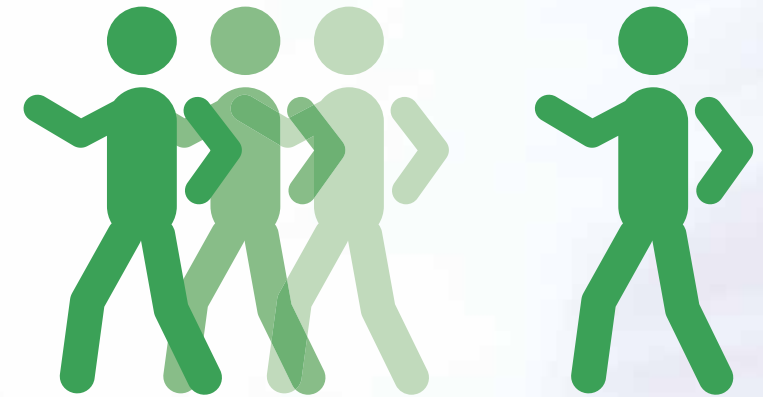


## What is SimTread?

Used with Vectorworks®, a CAD and Building Information Modeling (BIM) program, SimTread can analyze pedestrian traffic flow even for complex designs. As a pedestrian simulation software tool, SimTread can assist in and verify a design's occupant circulation—whether directing the slow meandering of people through an art museum or expediting the exit of tens of thousands of people from a football stadium.



## Analyze Pedestrian Traffic Flow



SimTread was developed by A&A Co., Ltd., Waseda University, and Takenaka Corporation

- study
- simulate
- obtain data
- analyze

SimTread  
**SimTread**  
 Pedestrian Simulation Software

To learn more or to make a purchase, visit [www.computerworks.eu/simtread](http://www.computerworks.eu/simtread)

# SimTread: Analyze Pedestrian Traffic

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## Animate Crowd Movement with Ease

SimTread simulations are easy to build.

- Create exits and specify the location of walls, columns, or furniture that could block crowd movement.
- Add people, and set individual walking speeds to realistically represent average people, the elderly, and children.
- Simulate and evaluate pedestrian movement toward exits.

## Gain Design Confidence

With SimTread, you can:

- Export and analyze actual data on walking speeds and pedestrian flow rates.
- Graph the flow rate over time and/or cumulative flow.
- Identify crowded areas and factors that inhibit or change crowd flow.
- Expedite the reiterative design process.
- Determine the best designs for pedestrian traffic flows.

## Analyze Evacuation Times

SimTread can also help you evaluate evacuation times.

Simply launch pedestrian traffic flow simulations on a completed project to see how quickly occupants move through the design. From there, end-users can work toward replicating the simulation in real life to aid in their evacuation planning processes on facilities like schools, exhibit halls, transit stations, or concert venues.

## But I'm Not a Professional Designer

You don't need to be a CAD or BIM expert to use SimTread. In fact, the Vectorworks software it runs on is so flexible that you can create simulations using various imported files with formats such as PDFs, image files, and DWGs.

So if you're responsible for disaster preparedness, public safety, facilities management, or event, municipal or campus planning, add SimTread to your cache of safety and planning tools today and fulfill your need for pedestrian circulation studies and flow analysis.

## Purchasing SimTread

Designers should be confident that people can safely move through a space with ease, whether the space is a home, large exhibit hall, concert venue, transit station, or skyscraper. There's no better way to illustrate this than with SimTread.

SimTread is sold by ComputerWorks through a license arrangement that renews annually. It requires Vectorworks software to operate and works on both Macintosh and Windows platforms.

To learn more or to make a purchase, visit [www.computerworks.eu/simtread](http://www.computerworks.eu/simtread)