



Design & Validation

Though at the heart of most products or processes, humans are poorly represented in their design.

*Golaem solutions help **designers, architects, operational managers** and **stakeholders** to ensure that their infrastructures and processes are efficient, safe and adapted to users.*

BENEFITS

Highly Customizable

Golaem solutions offer the ability to create customized behaviors that reflect customer needs. We think each field is specific, and that there is no global solution that fits all.



Functional Crowd

Golaem virtual humans can interact with their environment (e.g. opening a door) and perform individual and collective complex behaviors (e.g. buying a ticket from a clerk).

We Value Your Expertise

At Golaem we think that people from the field are the ones who know better. Golaem experts can help you to analyze, model and simulate this unique knowledge.

Reduced Time-To-Market

The development of an integrated solution for animation, navigation and behaviors is complex and time consuming. Golaem solutions have matured for several years on many use cases, letting you focus on your simulation added values.

Easy To Integrate

Golaem solutions are designed to be easy to integrate in existing simulation engines; several integrations are already available.



SNCF Research & Innovation

«When a supplier proposes a change in the layout of the railcars, we need to assess the impact on user traffic. Hence the interest for simulation.»

«[other software] can handle crowd in a macroscopic way, but it is not sized to handle the way people interact with their environment. How people go down the stairs, the way they hold the grab bar...»

(from lesechos.fr)

CUSTOMER CASE

Golaem helps SNCF (*French National Railway Company*) to simulate and optimize the Paris suburb train passengers ingress/egress time.

Based on field observations, Golaem and SNCF captured traveler's behaviors and implemented them in a configurable simulator.

SNCF will be able to simulate numerous situations on any train (e.g. rush hours or mobility impaired passengers...).

This tool enables SNCF to:

- better **negotiate** with its suppliers when buying new trains;
- help their designers to quickly **validate** their ideas;
- **communicate** with their stakeholders to justify the importance of required investments.

