

SOSi™

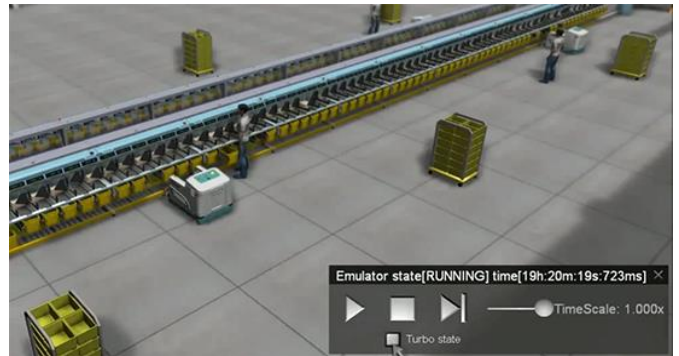
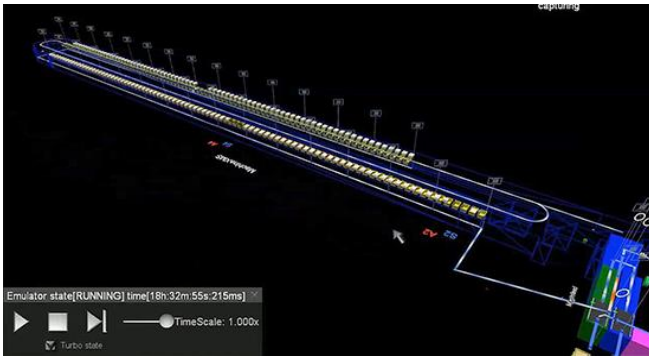
the SOLYSTIC's environment of modelling

SOSi™ is an advanced simulation environment to digitalize the entire scope of your supply chain and create a "digital twin" of your industrial process.



Applications

- In the context of the industry 4.0, SOLYSTIC aims to use SOSi™ to help industrial and e-commerce operators to significantly reduce their stock levels and procurement lead times.
- Simulation/emulation: with SOSi™, operation as predicted by the model can be compared with the actual operation of equipment and systems throughout the project. This generally eliminates the "tunnel" effects suffered by large projects and the many inherent adjustments.
- SOSi™ can be used to share the dimensioning and operation of a system with the customer, before the project even kicks off.



Benefits

- Consistency management at all levels of the model and permanent visibility,
- A solution shared with stakeholders,
- Confirmed operating benefits with the customer,
- Help with dimensioning proposals,
- Consideration of all industrial and logistics supply chain components.



Characteristics

- SOSi™ can be used for **discrete, continuous, flow and multi-agent simulations** using the same model throughout the system development cycle.
- SOSi™ is managed in line with the system's physical (CAD) and software configurations.
- SOSi™ also offers a **digital companion**, supporting our customers throughout projects, from the definition phase to deployment. The solution can also be scaled for SME and intermediate-sized firms as well as for larger structures
- SOSi™ itself can be managed virtually and **operate as Software as a Service** (SaaS) in the cloud.

References

USA 2017: Design, development and integration of a comprehensive automated solution for our postal customer.

2018: simulation of a store replenishment optimization process based on mobile Soly™ robots.

Italy 2017: simulation of automated inputs/outputs for a sorting machine.

France 2018: launch of a collaborative modelling project for the supply chain of a major sub-contractor in the automobile sub-contracting sector (procurement, stock, sub-contracting, transport, etc.)

- ▶ MAIL AUTOMATION
- ▶ PARCEL AUTOMATION
- ▶ LIFECYCLE SERVICES
- ▶ IT SOLUTIONS

