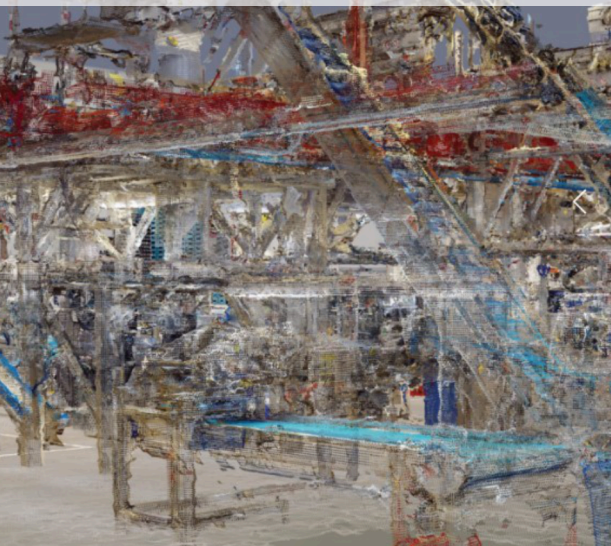


Dapp Productsheet: Simulation



Insight and movement in factories

You are considering implementing a specific solution or component in your factory; however, you may have multiple solutions in mind or doubts about the effectiveness of this solution. In many cases, solutions of this nature are so complex that predicting their impact is nearly impossible. In these situations, simulation offers a solution. Simulation is used to digitally replicate future situations in the factory to provide answers regarding the effectiveness of various scenarios.

A simulation is self-verified for accuracy by comparing it to the current factory situation. Through an iterative process, the simulation is refined to closely approximate the baseline scenario. At this point, it is highly likely that the simulation works as intended, allowing for the addition of various elements or the modification of parameters. The applications are virtually limitless at this point, and outcomes are presented clearly.

Simulation provides solutions in the following scenarios:

- You plan to add several production lines to the factory, but you're unsure whether it will disrupt **logistical flows** and if there's enough cooling capacity.
- You have a conveyor belt running through the factory, but it gets jammed, and you want to identify the cause and potential solutions.
- You are curious about how the layout of your logistics affects the **factory's performance** and want to know immediately if there's room for improvement.
- You want a **detailed understanding** of what you aim to achieve and ensure your design is sound.
- You're building a new factory and need to understand how logistics should flow.
- You want to **explore multiple scenarios** related to your **future plans**.

Simulation offers certainty when, in practice (besides executing the project and hoping for the best), there's no way to test ideas or estimate a certain impact. Simulation makes this possible. Dapp creates a simulation tailored to your specific situation, where we, with our input and yours, answer questions about **the future of your factory**.

Feel free to contact us, and discover what we can do for you, your factory and/or warehouse.



Simulation



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