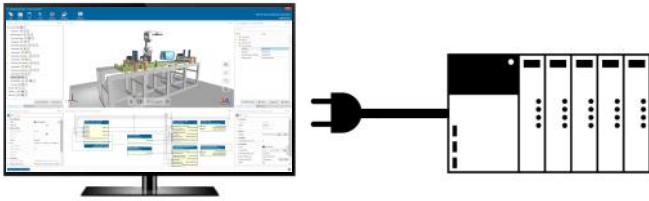


twin

Simulation software for machines and robots

Development and testing of control software on digital twins.

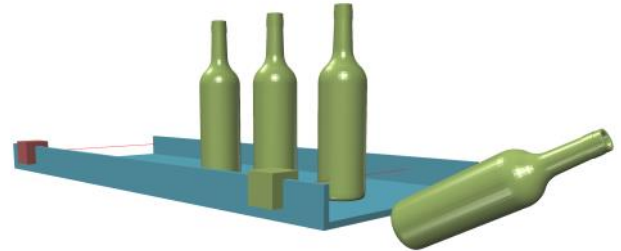
And the quality increases.



Testing of control software is important, we do not need to emphasize that. That it is not complicated, we have to! With the simulation software **twin** you create realistic digital twins of your machine in 3D. The modern and intuitive design was developed with experts in automation technology. So you can keep the focus on your actual tasks.

Optimize processes and detect collisions through realistic physics simulation.

twin makes it possible.



A physics-based modelling of the machine allows the realistic simulation of material transport, complex processes and collisions. Therefore, the simulation software **twin** provides a state-of-the-art physics simulation. But don't worry. You can, but you don't have to be a simulation expert, to work with **twin**.

Import any CAD data of your machine and bring it virtually to life. Without any additional CAD program.



Connect your controllers to the simulated machine: PLC, robot controller, control level, etc. That is holistic testing!



The physics simulation in all domains like rigid bodies, pneumatics, electronics, etc., enables the representation of all conceivable processes.



Extend the capabilities of **twin** the way you want with the debuggable API in Microsoft .NET technology.



Maximum reduction of risks in automation projects.

Best if they do not hurt yet.

Conception
Sales

Idea, try, improve, repeat!

By trying out concepts with the simulation software **twin** you test your ideas right from the start. Cycle times, ranges, necessary sensors and actuators - avoid nasty surprises in the further course of the project!

Virtual commissioning in digital twins

You program your controllers, the simulation software **twin** provides the test environment. Through the realistic testing of the control software, even before the real machine was built, you can detect errors already during the programming and not only at the commissioning at customer site.

Implementation
Development

Operation
Plant operator

Inspire your customers with an intuitive 3D HMI on the machine

Improve the user experience of the operating personnel and facilitate training and support. With **twin** on the real machine you always have the current machine status in view.



"We know the challenges in automation technology very well. With **twin** we offer a tool that will change the way machines are developed in the future. I'm convinced of that!"

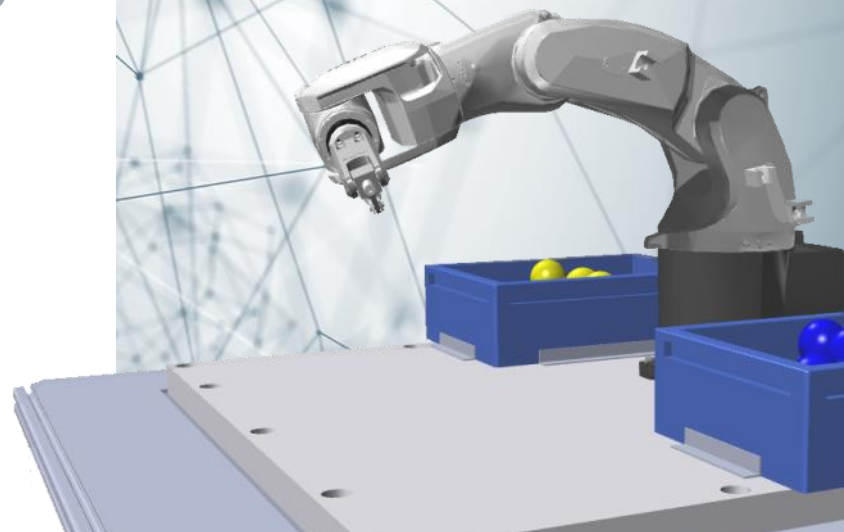
Dipl.-Ing. Michael Eberle, Head of Modelling and Simulation at digifai



"By testing our controllers at an early stage on the simulated machine, we have noticeably less stress during real commissioning and can even reduce the commissioning time by up to 30%."

PLC technician and user of **twin**

Request free demonstration now!





twın as an intelligent 3D HMI on the real machine increases the user experience at all levels.

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Partner