



DIGITAL EXCHANGE PLATFORM



The online store for modular simulation models
for virtual commissioning

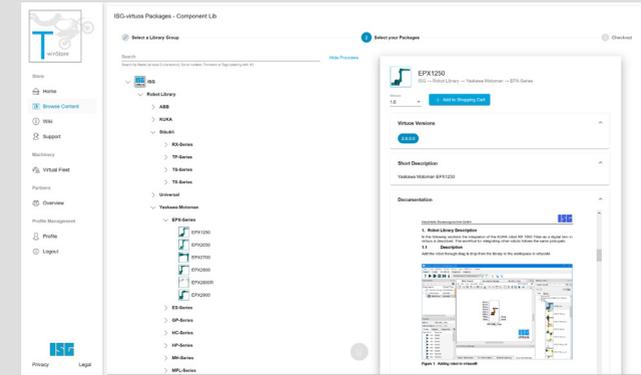
ONLINE STORE FOR SIMULATION MODELS FOR VIRTUAL COMMISSIONING

The development of digital twins of machines and plants requires platforms with which **virtual systems in control real-time** can be created realistically. With their help, concepts can be validated earlier and the machine controls tested in detail in the virtual environment. As an open, modular simulation platform, ISG-virtuos offers the **basis for the integration of diverse simulation models**.

Increasingly, **component manufacturers** provide digital images of the real components: Interfaces, parameters and essential behavioural characteristics represent reality. The structure of the digital twins from intelligent components corresponds to the structure of the real systems. Furthermore, **simulation specialists** offer libraries for mapping specific, highly specialized (process) simulations.



TwinStore is the **digital exchange platform for component and plant suppliers as well as plant operators** for comprehensive virtual design, validation and commissioning.



www.twinstore.de

Your benefit as a provider

- ❖ New digital business models for the exchange of simulation models.
- ❖ **Component suppliers:** Provision of virtual components for intelligent field bus participants (drives, RFID systems, camera and measurement systems, etc.) taking into account know-how protection. Correct behaviour of the virtual components on the fieldbus with regard to interfaces, operating modes and parameters on the basis of their component know-how.
- ❖ **Simulation specialists:** Provision of ISG-virtuos simulation libraries for highly specialized (process) simulations.

Your benefit as a user

- ❖ Reduction of modelling times by integration of prefabricated simulation models.
- ❖ More detailed simulation through the use of realistic models to illustrate e.g. irregular operating modes, dynamic parameterisation and the original real-time behaviour.
- ❖ Seamless integration into the runtime environment of ISG-virtuos.

Do you have questions or special requirements?
Please do not hesitate to contact us.

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