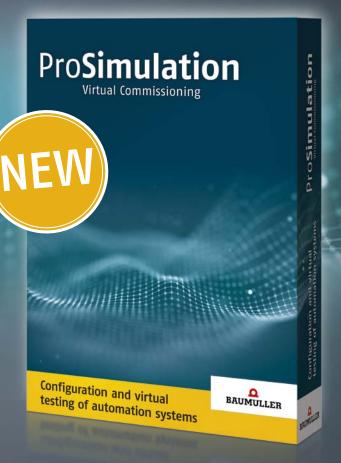# Pro**Simulation**

Faster to market thanks to shorter development times

Immediate access to the simulation

Efficient machine development

Fast commissioning

NEW

ProSimulation simplifies the virtual design, optimization and commissioning of machines and plants. The software extends the range of functions of the **ProDrive** operating software, which allows for the simple and fast commissioning, parameterization and operation of all b maXX controllers.

Advantages

Time and cost savings during development and commissioning
- The issuing of a real prototype can be optimized or completely replaced
- Easy import of existing models from other simulation tools
- Simple user interface and operation (ProDrive extension)
- License for further modeling software can be saved

Optimization of existing machines and plants
- Virtual troubleshooting and optimization

Development of simulation know-how in the company
- Easy introduction to the topic of "digital twin"
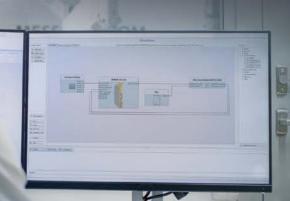- Fast creation of own simulations

www.prosimulation.de

BAUMÜLLER

be in motion

Pro**Simulation**

Immediate access to the simulation

Baumüller drive technology as controller models

Extensive library of common mechanics

CAD import from other tools available

ProSimulation – Functions

Simulation platform in ProDrive

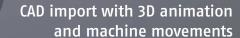- Baumüller drive technology as verified controller models
- Extensive library of common mechanics

» **Linking of various existing simulation models for the simulation of machine movements**

Display of simulation results in oscilloscope with reference measurement

» **Direct evaluation and comparison with reality**

Parameter settings via virtual controllers

» **Virtual commissioning**
» **Controller optimization and parameter set issuing for real drive**

CAD import with 3D animation and machine movements

» **Import of existing models from other simulation tools, e.g. Matlab® Simulink®, Modelica®, etc.**

ProSimulation
Virtual Commissioning

Configuration and virtual testing of automation systems

2/2019

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