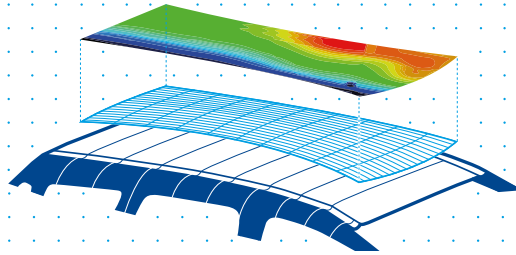


DXQ3D.onsite - Process simulation

Maximizing efficiency while minimizing resources

Process simulation

Simulation of the paint layer thickness

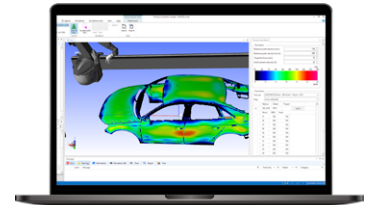


„The key tool for layer thickness homogeneity to halve optimization time and the number of test car bodies.“

OUR PROMISE. YOUR SATISFACTION GUARANTEE.



— **-50 %** — **-50 %**
optimization time test car bodies



SIMULATION

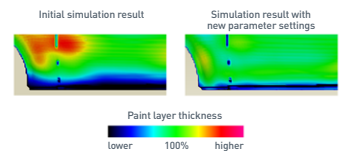
- Software for the simulation of paint layer thicknesses
- Offline mode enables usage independent of the system
- Consideration of color-specific characteristics through integrated paint characteristic maps
- Automatic conversion of the virtual simulation into real painting parameters
- Simple transfer of the new painting parameters to the painting line

DIGITAL TWIN

- Simulation of paint layer thickness serves as a further component for the design of the digital twin
- No preliminary dimensions are required; simulation is based on scalable virtual paint samples
- Simulation enables optimization of paint layer thickness and homogeneity on the car body, ahead of the first paint job

SUSTAINABILITY

- Reduced resource input due to material and energy savings
- Halving the commissioning effort
- Faster ramp-up phase when introducing new models and colors



AVAILABLE IN THE BUNDLE



Creation of five customer-specific paint characteristic maps in Dürer's paint technology center included

Pre-set-up laptop

Customized settings considered, ready for immediate use



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