

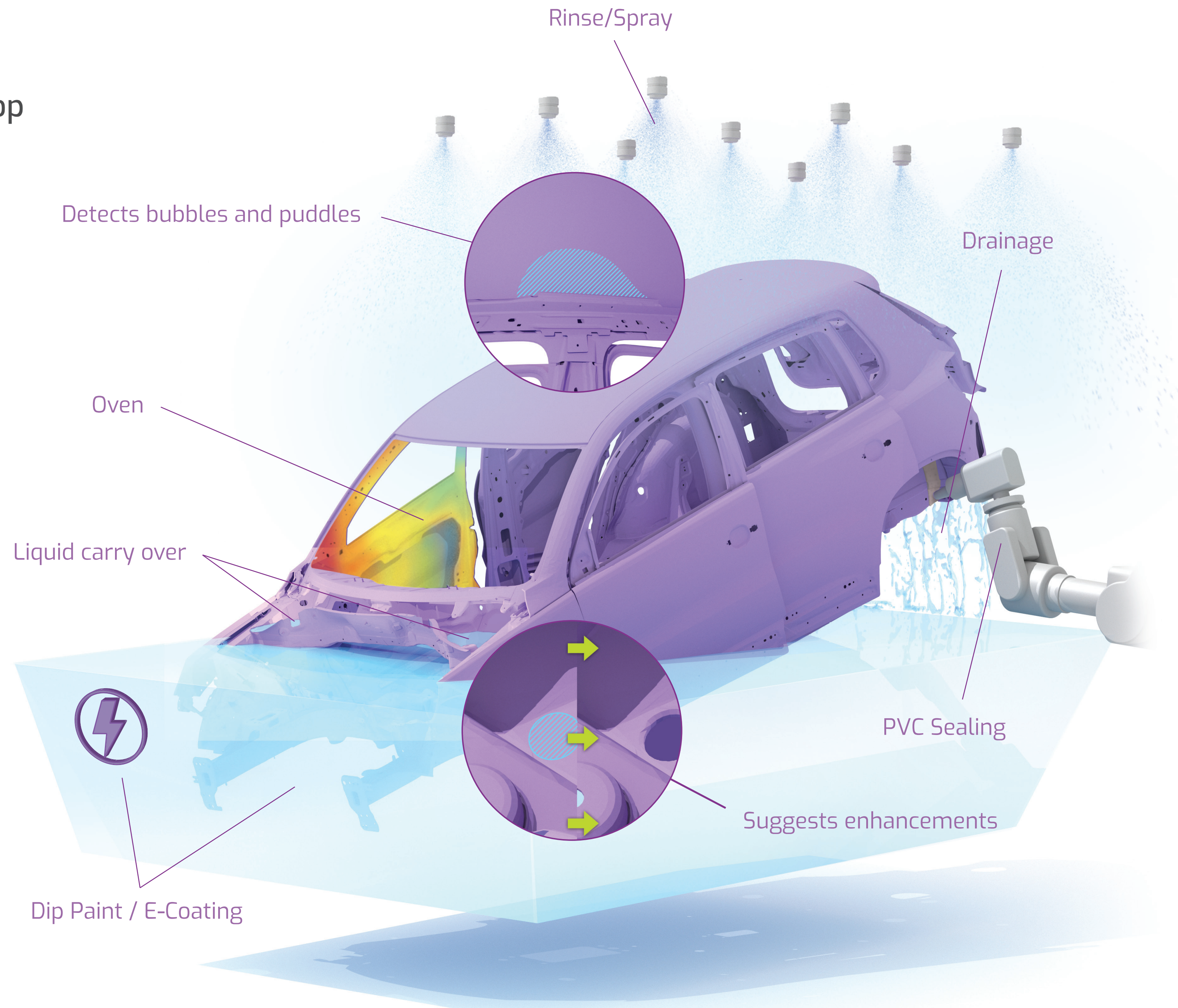
alsim  
**Paint Shop**

new dimension  
of paint shop simulation



[www.essteyr.com](http://www.essteyr.com)







- ❖ Covers the whole paint shop process with precision and accuracy
- ❖ Designed to process complex geometries
- ❖ Autonomous software: frees up time for new innovation
- ❖ Offers specific suggestions for enhancement
- ❖ Market proven: a trusted partner across industries



Spray



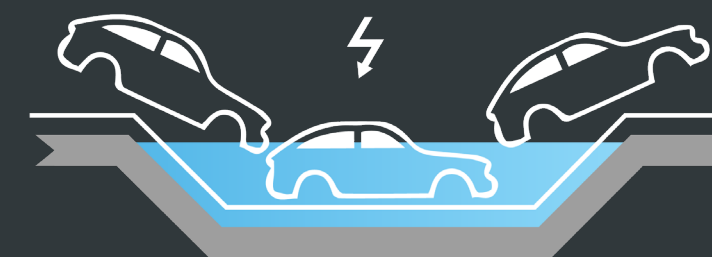
Rinse



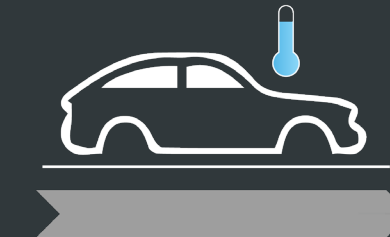
Dip Paint



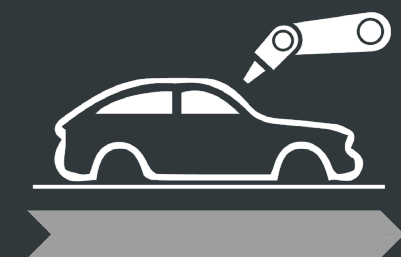
Liquid Carry Over



E-Coating

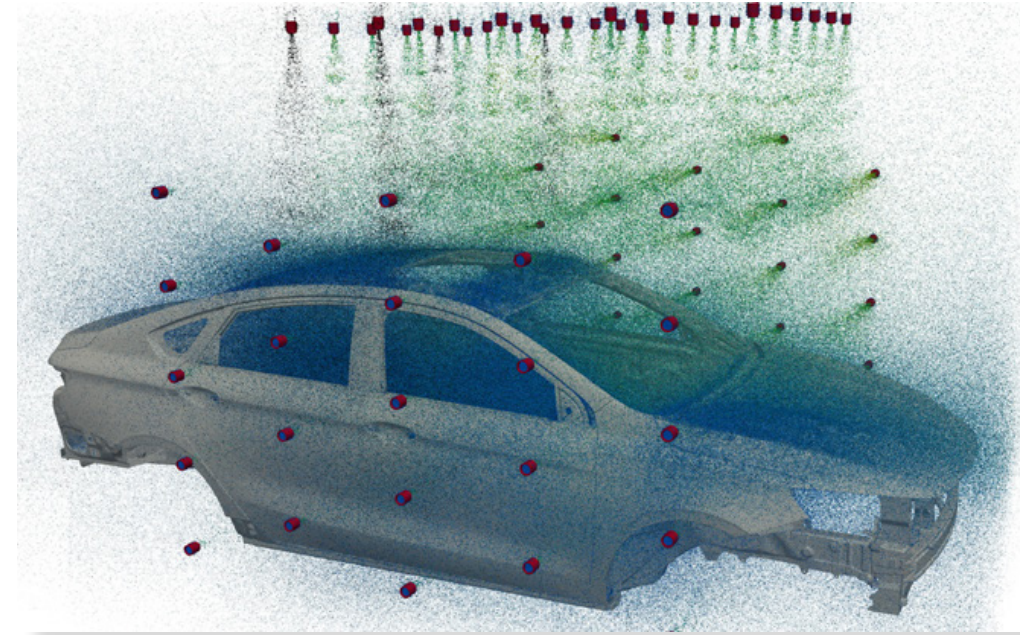


Oven

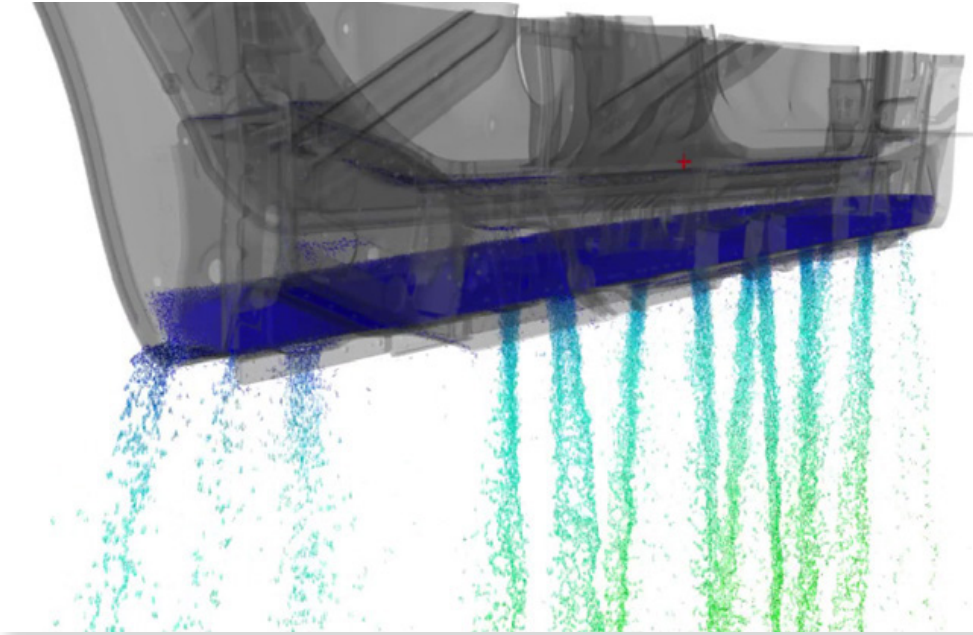


PVC-Sealing

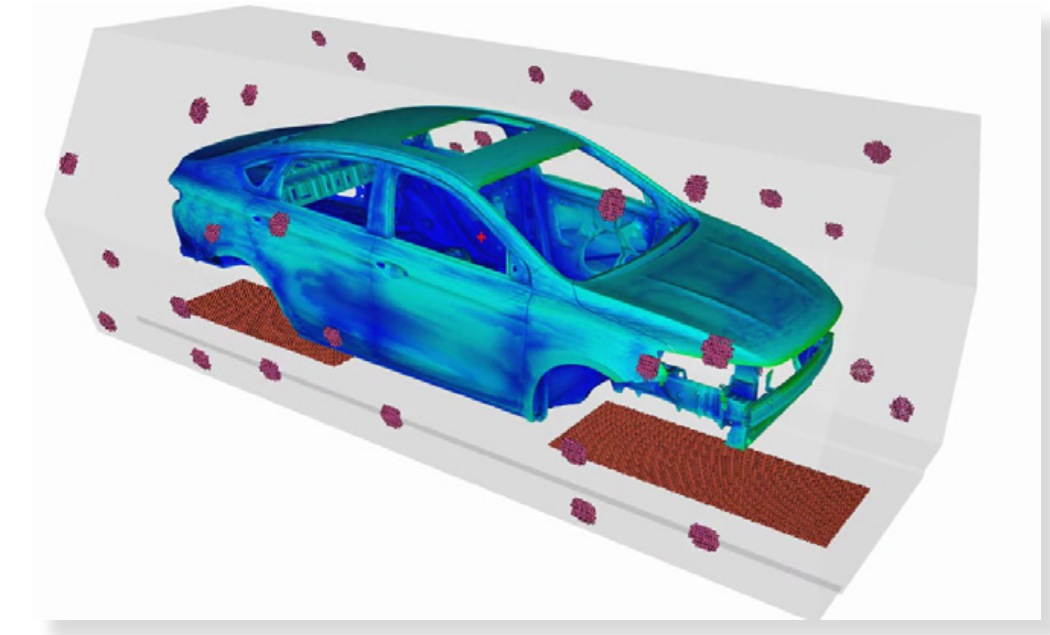




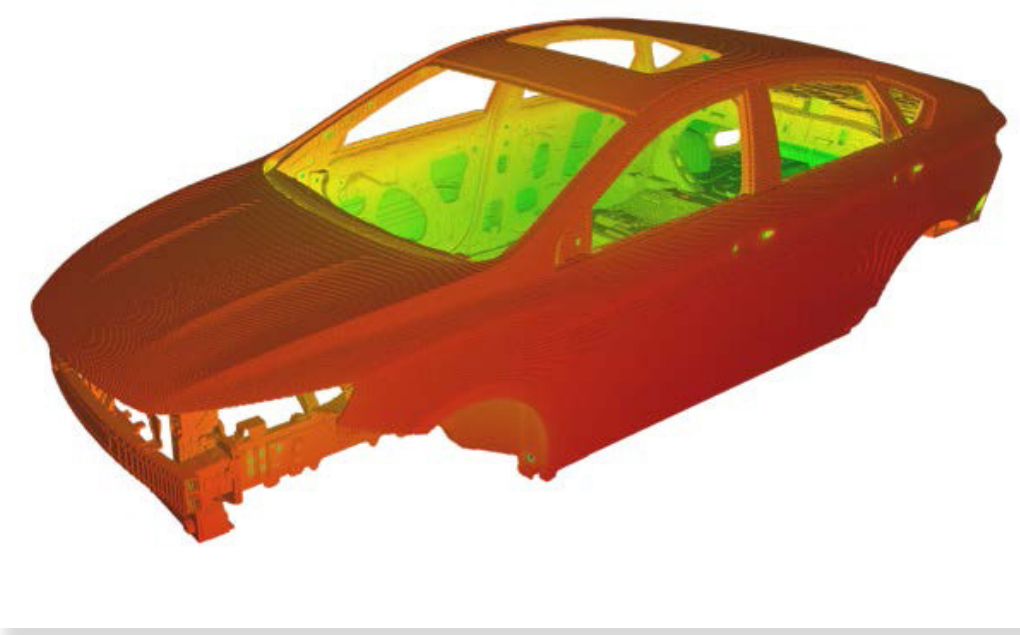
Spray & Rinse



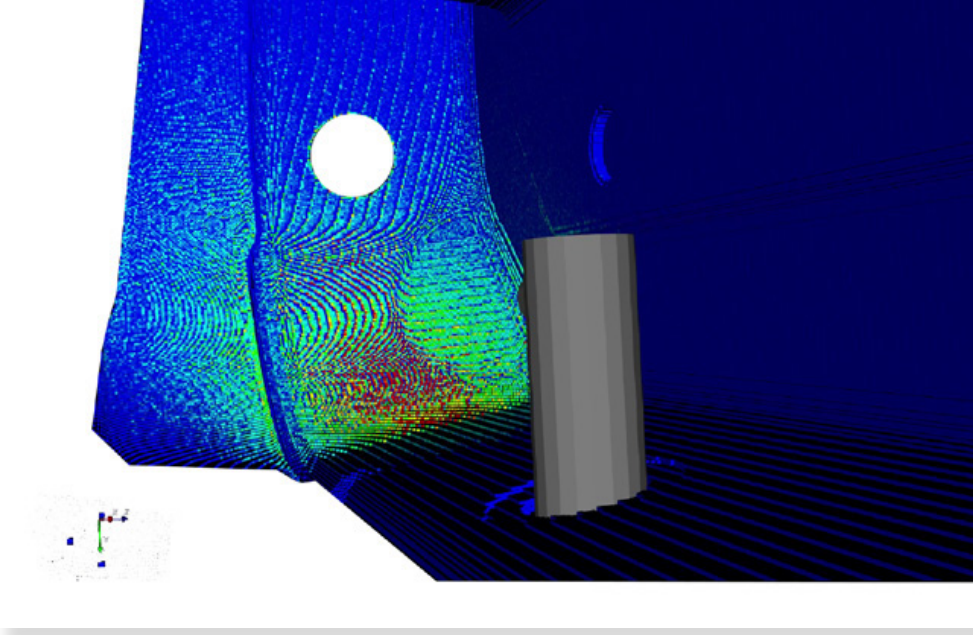
Air Bubble & Drainage



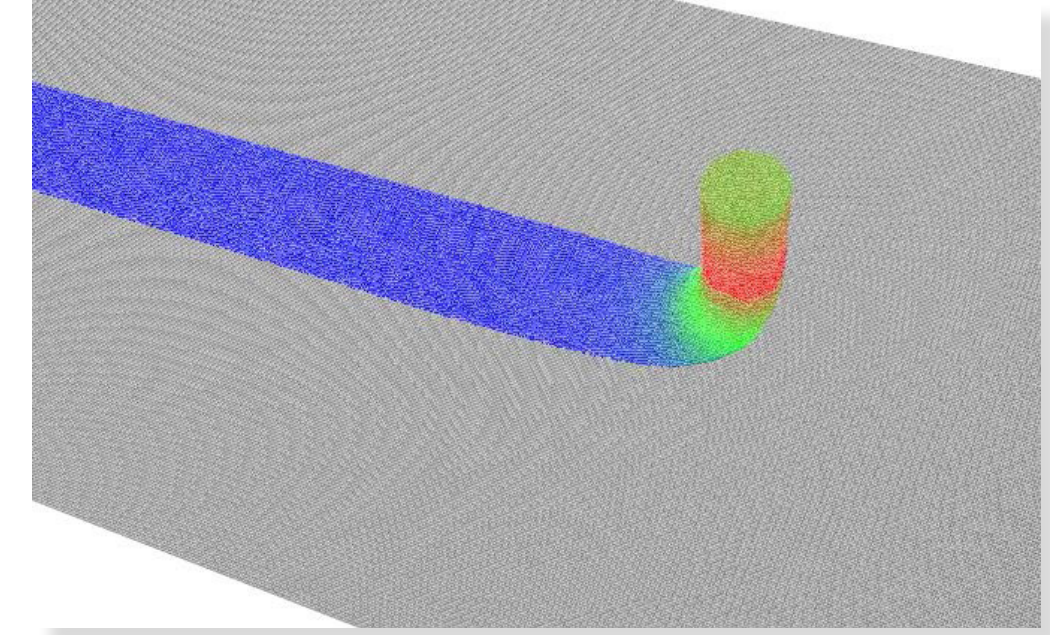
Oven



E-Coating

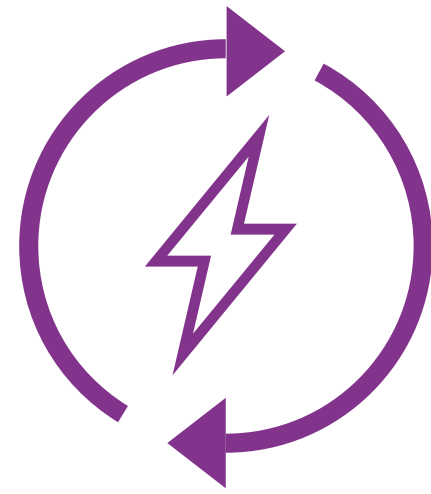


Spray Wax



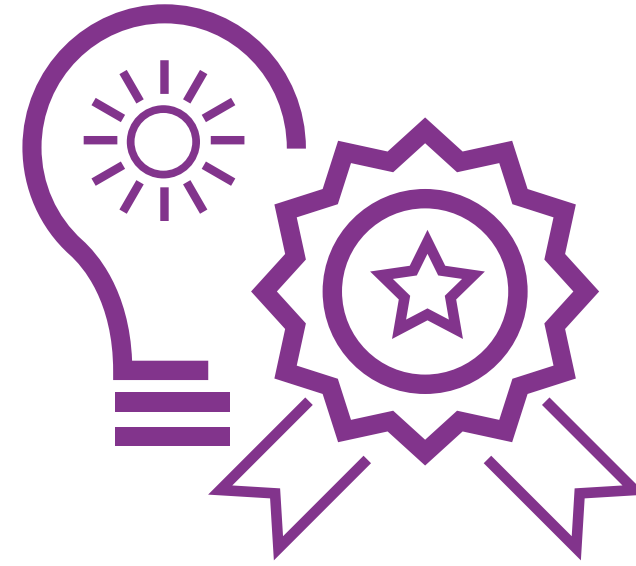
PVC Sealing





#### ACCELERATE

- ❖ quick turnaround times thanks to extremely fast computations (RoDip BIW < 12h)
- ❖ enables optimization during design phase to reduce costly modifications later
- ❖ accelerates Time-to-Market



#### INNOVATE

- ❖ accurate simulation results reduce need for costly prototypes and tests
- ❖ quickly detects poorly painted areas to avoid corrosion and minimize warranty claims
- ❖ identifies remaining process defects and design problems



#### SIMPLIFY

- ❖ intuitive and user friendly
- ❖ no cluster needed - runs on a desktop
- ❖ fully preconfigured workflow to support CFD technicians and save valuable time



Dr. Martin Schifko  
CEO  
martin.schifko@essteyr.com  
+43 7252 20446-61

Vishal Nair, MTech  
CTO  
vishal.nair@essteyr.com  
+43 7252 20446-67

Prof. Dr. Alireza Eslamian  
CMO  
alireza.eslamian@essteyr.com  
+43 7252 20446-75



© ESS Engineering Software Steyr GmbH | Berggasse 35 | 4400 Steyr Austria  
Tel.: +437252-20446-65 | Fax: +437252-20446-99  
E-Mail: office@essteyr.com

[www.essteyr.com](http://www.essteyr.com)

Register Office: Steyr | Register of Firms No.: FN 427703 a Commercial court: District Court Steyr | D-U-N-S Number: 30-046-0799