



Automated Surrogate Modeling
for Vehicle Safety



Contact us via E-MAIL



Transformation to E-Mobility

- ▶ Today's development of car body designs is driven by completely **new challenges**. Due to the transformation to e-mobility, it is possible and necessary to totally **redesign chassis and car body structures**.
- ▶ New electric models also cause an increasing **variety of versions**.



Shorter development cycles

- ▶ New **competitors** are forcing well-established OEMs to continuously shorten their development cycles.



Time and cost intensive crash simulations

- ▶ For great and safe car body design, **many crash simulations** are required.
- ▶ These crash simulation just take too **long** and are very **expensive!**



Surrogate modelling as a competitive advantage

- ▶ Suitable **surrogate models** can greatly speed up most of the crash simulations.
- ▶ Reduce computational time up to **80%**.
- ▶ Creating surrogate models with automated software tools **100x faster** compared to manual model build up.



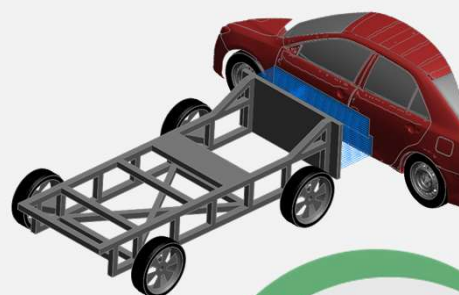
Unique advantages of ASMOS

- ▶ Create surrogate models for crash simulation with **just a few clicks**.
- ▶ **Customize** the models to fit every load case requirements and crash scenarios.



Customer value and benefit

- ▶ Shorter development cycles.
- ▶ Go to market even faster.
- ▶ Save additional time and money.



Dialogue and discussion to meet expectations

- ▶ Point out your requirements, for the best solution.
- ▶ We adjust ASMOS according to your needs.



Get early access and test our solution

- ▶ We offer early access to our software tool **ASMOS** for companies that want to test and adapt our solution.



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