

TECHNIA

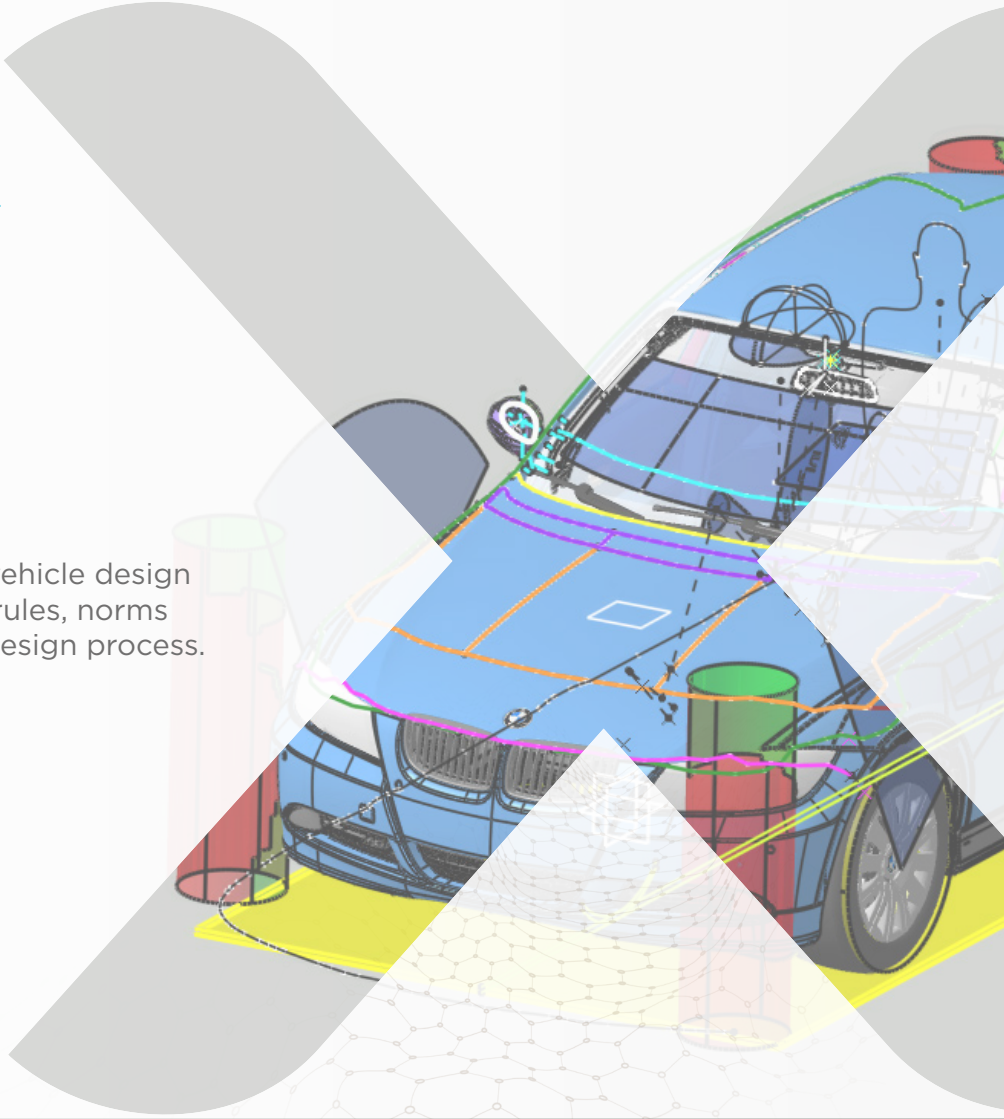
ADDNODE GROUP



CAVA

Validate the compliance of your vehicle design and architecture to international rules, norms and standards during the entire design process.

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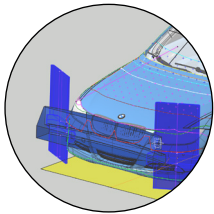


Ensure compliance to industry regulations and standards from concept to homologation

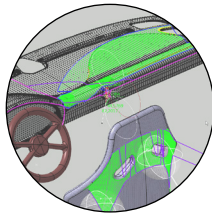
The release and homologation of a car requires manufacturers to fulfill rules, norms and standards which differ from country to country. CAVA provides these rules as CATIA features and checks the vehicle geometry meets the legal requirements.

The CAVA solution portfolio - originally developed in cooperation with German car manufacturers - is used by 50 OEMs and a long list of suppliers today.

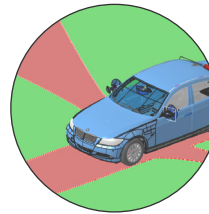
- ✓ Legal Compliance
- ✓ Design Integrated
- ✓ Supply Chain Integration
- ✓ Standardization



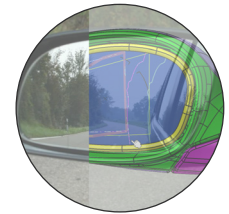
Pedestrian Protection



Interior Minimum Radius



Fields of View



Mirror Analysis

Available adaptations for commercial vehicles and aerospace

Feature-based and associative technology, fully integrated with CATIA V5 and V6

CAVA Vision

- For compliance relating to the driver's direct and indirect vision.

CAVA Manikin

- Two Dimensional test dummy for use in determining various passenger positions.

CAVA Overall Vehicle Architecture

- Manage vehicle parameters, such as dimensions and seat positions. Verify vehicle component placement with respect to the legally required building spaces.

CAVA Wiper

- Simulate the geometry of the wipers and determine the wiped area on the windscreen.

CAVA Tools

- A collection of functions available in the CAVA All bundle but in none of the single products.

CAVA Safety

- Verify the minimum radius requirements and calculate impact zones for the direct safety of passengers and pedestrians.

Read more at www.technia.com/software/cava

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About TECHNIA

At TECHNIA, we pave the way for your innovation, creativity and profitability. We combine industry-leading Product Lifecycle Management (PLM) tools with specialist knowledge, so you can enjoy the journey from product concept to implementation.

Our experience makes it possible to keep things simple, personal and accessible so that together we transform your vision into value.

With over 30 years' experience, more than 6000 customers worldwide and world-class knowledge in PLM & Intelligent Engineering, we work together as true partner and extension of your team to create an exceptional PLM experience.

Our 680 people strong team work from 32 locations around the world, across vertical industries, delivering a premium service with a global infrastructure and a local presence. We adopt the latest technology and agile methodologies so, even as technology changes, our relationships last a lifetime.

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www.technia.com/software/cava

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