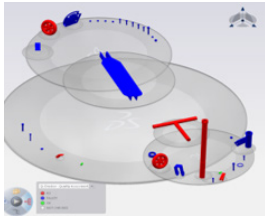


Data Quality and Validation

High quality and validated engineering data is key to a collaborative product creation process.

Q-Checker, xCompare and CAVA - fully integrated with CATIA - allow establishing company standards, ensuring compliance to industry regulations and verifying the release process.

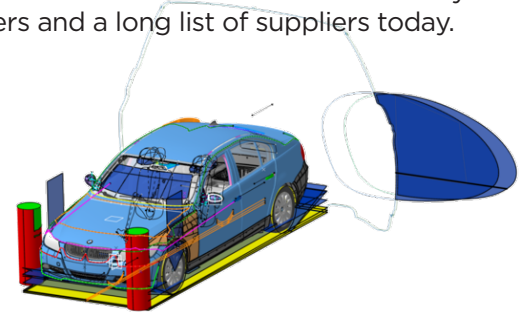
Q-Checker verifies geometric quality, standards and methodology of CATIA models. Thereby process compatible models are generated which can be reused in new projects or in downstream processes. With more than 2,000 customers worldwide Q-Checker is the world leading system for quality assurance in virtual development.



xCompare compares CATIA V5, SMG and JT data to find differences in two revisions of products, parts and drawings or to verify the conversion process.



Release and homologation of a car requires its manufacturer to fulfill rules, norms and standards which differ from country to country. CAVA is offering these rules as CATIA features and checks if the vehicle geometry is meeting the legal requirements. The CAVA solution portfolio - originally developed in cooperation with German car manufacturers - is used by 50 OEM customers and a long list of suppliers today.



DATA QUALITY & VALIDATION



- Methodology, CAD-Standards and Geometric checks
- Supporting and ensuring 3D Master
- Delivery deadlines are met by avoiding late repairs
- Enhanced cooperation between design partners



- Only compliant models can pass quality gates
- Quality status and report accessible in PDM
- Statistics about most frequent errors and quality improvement



- Legal standards for the car design in CATIA V5 / V6
- Features for Vehicle Architecture, Safety Radius, Vision, Manikin and Wiper
- Available adaptations for Commercial vehicle and Aerospace use cases



- Validate new revisions and model translation in CATIA and JT
- Geometry and feature based model comparison
- Well documented change reports

Read more at www.techniatranscat.com/dataquality-and-validation



+49 89 218 960 17



Martin.Noelle@techniatranscat.com

www.techniatranscat.com/dataquality-and-validation

**MORE TIME FOR
ENGINEERING!**