TRANSCAT Software

MORE TIME FOR ENGINEERING
myPLM accelerates the usage of complex CAx environments and helps to manage various releases, license configurations and add-on tools. Easy to configure, myPLM offers administrators the possibility to set license access rights even specifically for different user groups. With myPLM all users work with the right settings in the right environment. While easy to configure for the administrator it is especially simple to handle for the user.

With add-ons for myPLM, license pools can be administrated, license statistics are automatically compiled, availability is immediately visible for the user, user rights are managed through Windows Active Directory or offline laptops can be synchronized.

**MYPLM**

- Minimal effort to roll out and upgrade PLM software
- Intuitive GUI to start CAD in the right environment
- Multi-CAD ready, e.g. CATIA V5, V6 and NX
- Simple configuration of user rights / licenses / environments / user groups
- Configured in one XML file or a database

**OEM UPDATE CONCEPT**

- Based on myPLM
- Quick implementation and update of OEM supplier packages
- Available for Audi, BMW, Daimler, FORD, GM, Opel, MAN, Porsche, PSA, Renault, Volkswagen

**MYPLM ADD-ONS**

- License Check
- License Statistics
- License Management
- Active Directory Connect
- Software Distribution
- Offline Sync
Vehicle Design & Compliance

Release and homologation of a car requires its manufacturer to fulfill rules, norms and standards which differ from country to country. CAVA offers rules that have to be met for a car’s homologation, as CATIA V5 features.

The solution developed in cooperation with German car manufacturers offers checks for critical standards to ensure that products meet global guidelines. The CAVA product suite is used by 50 OEM customers and many suppliers.

CAVA OVA (Overall Vehicle Architecture)
- Curbstone and underfloor clearance
- Position of lights and number plates
- Wheel covering

CAVA VISION
- Calculations for internal and external mirrors
- Direct view incl. windshield properties
- A-Pillar obstruction
- Fields of views

CAVA SAFETY
- Minimum radius checks for interior and exterior
- Pedestrian protection
- Head impact

CAVA MANIKIN
- 2-D manikin according to SAE standard
- Head position
- Comfortable positioning

CAVA WIPER
- Wiper simulation
- Percentage of wiped area in field of view
- Quality of wiper operation

CAVA TOOLS
- Silhouette calculation for parts and products
Product Data Quality for 3D Master

Q-Checker is like a spell checker for CATIA, instead of words it checks the CATIA design data for its quality. Used by 2,000 customers in all industries, it offers automatic repair functions and helps users delivering models ready for a global product creation process. Q-Checker, Q-PLM and Q-Monitor have been designed to enhance this process so that all backbone systems - either a PDM system or a data exchange server - can enhance its level of data quality.

Q-CHECKER FOR CATIA

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

Q-PLM

- Only compliant models can pass quality gates
- Automated in data exchange and PDM
- Quality status and report accessible in PDM
- Fast and stable implementation within days

Q-Monitor

- Statistics about most frequent errors and quality improvement
- Evaluation of departments, partners and processes
- Targeted training
**Neutral 3D Platform**

LiteBox3D is a free to use JT viewer, based on the specification of the JT ISO standard. It is building the foundation for further JT products within Transcat PLM's Lite3D product portfolio. Solutions, like LiteDrop or xCompare JT/JT are based on Transcat PLM's own JT framework and use LiteBox3D as viewing solution.

**Q-Checker JT Connector**
- Checks JT specifics, geometry and standards
- Based on Q-Checker architecture with reports, check seal, check profile editor, model types, etc.
- Interactive incl. JT viewer & batch mode

**LiteBox3D**
- Free viewer for JT and TIFF
- Embeddable and web-ready
- Support of PLMXML and STEP AP242 XML

**LiteDrop**
- IP Protection and simplification
- Better viewing performance
- Batch reduction, on the fly
HANDLE MODEL MODIFICATIONS

xCmpare compares CATIA V5, SMG and JT data to find differences in two revisions of products, parts, drawings or to verify the conversion process. Users get a report with deviating features directly in CATIA or in detailed HTML reports.

xCMPARE

- Geometry and feature based comparison
- Find all modifications in geometry, features, attributes, colors, FT&A, etc.
- Interactive and batch
- Monitor internal divisions and suppliers
- Fast and accurate results in a GUI and highlighted, e.g. right in CATIA
- Extensive HTML reports including screenshots

Available as

- xCompare V5-V5 for CATProducts, CATParts, CATDrawings and cgr
- xCompare V5-JT
- xCompare JT-JT
- xCompare V5-SMG (3DVIA Composer)

Transcat PLM’s software development delivers add-on solutions for Dassault Systèmes’ products and neutral formats. Our standard solutions guarantee consistency, quality and legal compliance of engineering data - enhancing the organization and governance of product generation. Our standard solutions are distributed and supported through a global network of trained Value Added Resellers. Specifically designed custom solutions and support services complete our offering.

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