



CATIA PLM Express

CATIA - Electrical Wire Harness Flattening

Tight collaboration between harness design and manufacturing documentation

Once a product is ready to manufacture, its design must be precise or it risks costly errors and delays. Collaboration is the essential key to successful documentation and design between harness designers and manufacturing.

Overview

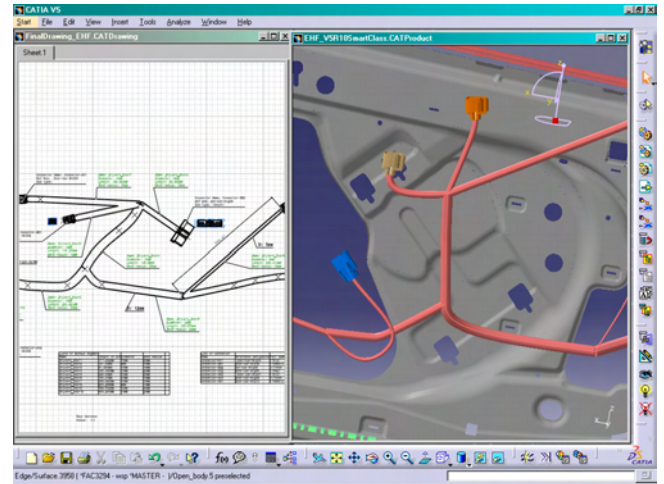
CATIA - Electrical Wire Harness Flattening provides automatic and complete flattening of 3D Electrical Harnesses for manufacturing documentation in a concurrent engineering environment.

Customer Benefits

- Seamless collaboration between harness designers and manufacturing to ensure accuracy of 3D information transferred to manufacturing
- Best environment for harness detailed manufacturing documentation and form-board design
- Reduce effort for generation & maintenance of 2D harness drawings
- Integrated design to manufacturing process with the support of design changes
- Reduce cycle time with the ability to reuse existing documentation

Key Capabilities

- Exchange detailed and accurate 3D harness definition including complex mechanical parts with manufacturing suppliers
- Customizable generative 2D Drawings for documentation and generative 2D dress up
- Natural integration with CATIA Drafting allowing definition and management of a relevant set of annotations and dimensions to create full reports for documentation
- Automatic synchronization of design changes between harness design and manufacturing
- Dedicated command for editing of harness flattened layout



Screen capture of CATIA - Electrical Wire Harness Flattening

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a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 90,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing and ENOVIA for global collaborative lifecycle management, including ENOVIA VPLM, ENOVIA MatrixOne and ENOVIA SmarTeam. Dassault Systèmes is listed on the Nasdaq (DASTY) and Euronext Paris (#13065, DSY.PA) stock exchanges. For more information, visit <http://www.3ds.com>

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