

CATIA PLM Express

CATIA - 3D Layout & Annotations

A unique approach for 3D conceptual design

Increasing product development complexity has made the realization of innovation impossible in 2D design alone. Most engineers find it convenient to bring forth ideas with 2D drafts, but the transition from 2D to 3D design is often chaotic and very time consuming. Companies need to transform their 2D blueprints into 3D as uncomplicated and as quickly as possible.

Overview

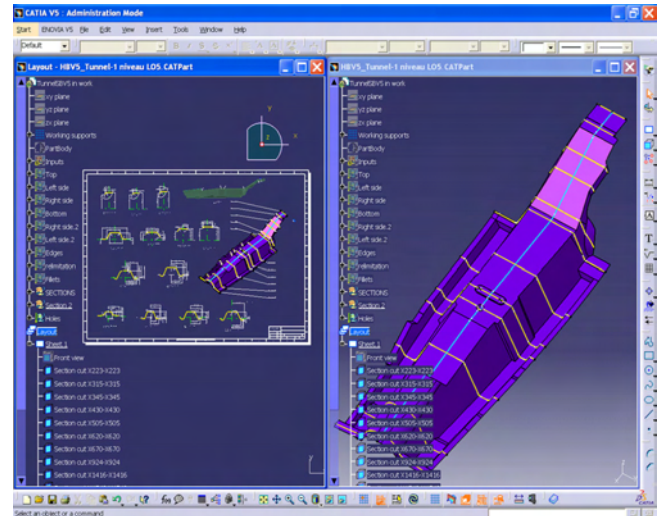
CATIA - 3D Layout & Annotations answers to customers looking for a smooth transition from 2D to 3D and fosters innovation with a unique 2D/3D approach for conceptual design. Moreover, it reduces reliance on 2D drawings by capturing all drawing information, 3D tolerance specifications and annotations inside the 3D model and increases the pervasive usage of 3D as the master representation inside and throughout the enterprise.

Customer Benefits

- Facilitates 3D modeling for designers familiar with 2D drafting
- Increases innovation with a unique 2D/3D approach for conceptual design
- Suppresses the need for attached drawing documents
- Easily reviews & prints drawing information directly from 3D
- Rapidly shares design specifications within and throughout the enterprise

Key Capabilities

- Sheet and views management in the 3D model
- Interactive drafting creation directly used to define associative 3D modeling
- 3D geometry overlay, filtering and re-use inside the views
- 2D dimensioning annotation and dress-up tools
- 3D tolerance and annotations in parts and products, fully associative to the geometry
- Displays and filters 3D annotations in the 3D environment



Screen capture of CATIA - 3D Layout & Annotations

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About Dassault Systèmes

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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