

CATIA PLM Express

CATIA - Structure Concept to Design

Provides a unique end-to-end solution for “virtual structure” design

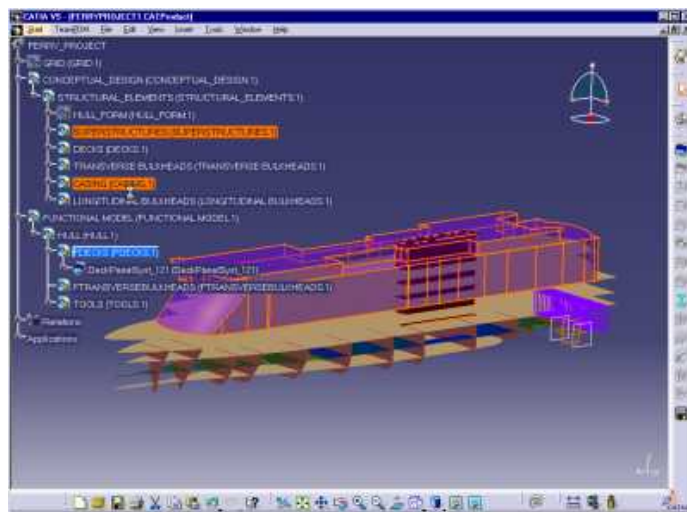
Overview

CATIA - Structure Concept to Design streamlines processes ranging from functional definition to manufacturing preparation. This offering provides a unique answer to physical design challenges in Shipbuilding and in the Architecture & Construction industries.

Benefits

- Easy definition of structural design elements and materials used to build military and commercial ships as well as plants
- Improve instantiation of functional volumes and integrate the creation of planning breaks at an early stage of the design
- Enable unprecedented productivity and a short learning curve for shipbuilding structure definition and for the creation of functional structure objects
- Enhance the creation and modification of detailed structures
- Prepare the manufacturing build-up process with dedicated features that resolve the design intent

- Rapid modeling tools for the creation of functional structure objects (such as plates, beams, and pillars...) and detailed features (slots, end-cuts, ...)
- Knowledge-based design rules to drive and automate design work
- Capture full topology of the structural model (all connections and their characters)
- Enable the automatic generation of blocks and design units based on planning break definitions
- Automate detailed work (slot or end-cut definition)
- Deliver piece-part generation for the preparation manufacturing at the end of the design phase
- Early and accurate reports



Para obter mais informações sobre produtos e soluções PLM, acesse: www.tecmes.com.br
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