



# CATIA PLM Express

## CATIA - Flexible PCB Design

**Electro-Mechanical Collaboration for Flexible Printed Circuit Board Design.**

### Overview

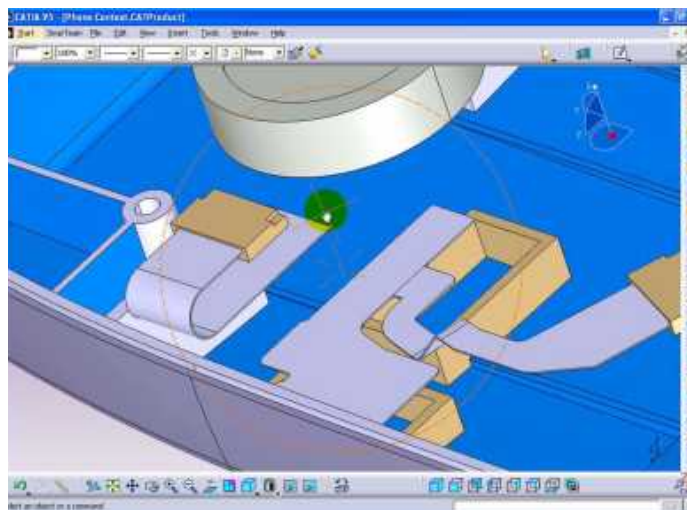
CATIA - Flexible PCB Design enables modeling of a flexible circuit board within a virtual mock-up and facilitates collaboration with electronic CAD systems.

### Benefits

- Easy and intuitive creation : creating a flexible PCB shape in 3D in a fully digital environment
- Robust Electro-Mechanical engineering collaboration through a standard intermediate data format

## Capabilities

- Multi-body sheet metal part makes it possible to start design from several connectors concurrently
- Dedicated tools for thin parts modeling
- Easy creation of mechanical shapes of printed circuit boards in the context of the mechanical assembly
- Bi-directional interface with electrical CAD Systems based on industry standard interface (IDF) format
- Creation and management of electronic component catalogs
- Intelligent placement of components like connectors coming from a catalog, constrained in its mechanical environment



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As 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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### MAIS INFORMAÇÕES:

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