

User Roles

SMARTTEAM - CATIA Integration (CAI)

SMARTTEAM V5R18





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To enable organizations to easily manage and collaborate on product information from early in the design phase, by bringing rich, seamlessly integrated, Windows-based, PDM functionality to CATIA V5 and ENOVIA DMU Navigator users. SmarTeam menus are readily accessible from within the familiar CATIA environment. When implemented with other CAD integrations, SmarTeam CATIA Integration creates the conditions necessary for common collaboration among mixed-CAD engineering

Product overview

The Windows-based CATIA V5 and ENOVIA DMU Navigator integration for the SmarTeam environment, CAI enables users to easily store, manage and share all common information related to an engineering project.

SmarTeam enables CATIA users to optimize collaboration and to capture and reuse design knowledge. The seamless, bi-directional integration improves productivity, reduces design phases and, most importantly, shortens time-to-market.

Both CATIA V5 and ENOVIA DMU Navigator share the same Dassault Systemes V5 architecture, which is natively integrated within SmarTeam. SmarTeam CATIA Integration is an add-on to SmarTeam Editor (EDR), which is available through the SmarTeam Editor Configuration (SED) and the CATIA Team PDM Configuration (TDM). In addition, the CATIA integration is also available through the SmarTeam CATIA Web Integration Product (CWI), which uses a web interface.

Product Highlights

Enriched User Experience

- Work in a unified CATIA environment
- Manage designs, product structures, related documents and dependencies while keeping track of revision lifecycle
- Save time with advanced search and retrieval capabilities

- Edit and revise CATIA documents while keeping track of revision lifecycle
- Reuse knowledge and quickly start a new project through Design Copy
- Provides secure lifecycle management, data storage in electronic vault
- Work concurrently with other engineers
- View, annotate and print multiple file formats

Powerful Integration

- Integrates seamlessly with all CATIA V5 applications
- Native integration of the V5 applications (design, analysis, review and manufacturing) with SmarTeam
- Unified SmarTeam/CATIA document information:
 - Window title information
 - SmarTeam lifecycle status in the Product, Drawing and Desk tree
- Integrates with CATIA Project Resource Management (PRM)
- Ensures data integrity through automatic bi-directional drawing attribute mapping
- Transparent
- CATIA V5 Assembly structure management
- automatic detection of links between drawings and their data
- Ensures data integrity through automatic bi-directional drawing attribute mapping, links dependency
- Maintains links with lifecycle rules for each link type
- Optimizes decision support through seamless impact analysis
- Secured legacy data

Unmatched Solution

- ❑ Complete integration with the SmarTeam product line
- ❑ Works in a multi-CAD environment
- ❑ Integrates simultaneously with multiple applications
- ❑ Enables rapid implementation and ROI through predefined database structure and business templates
- ❑ Best-in-class product for design collaboration on CATIA documents

Product Key Customers Benefits

- ❑ Works from within the CATIA V5 & ENOVIA DMU Navigator environment
- ❑ Saves valuable document search time by enabling a quick preview of documents
- ❑ Ensures revision accuracy
- ❑ Eliminates errors and re-keying of data
- ❑ Eliminates inefficient work on outdated designs
- ❑ Enhances design team collaboration
- ❑ Produces substantial design efficiencies
- ❑ Links external participants to the process
- ❑ Friendly GUI, intuitive and easy-to-learn
- ❑ Reduces the learning curve for quick return on investment (ROI)
- ❑ Rapidly implemented and easily customized
- ❑ A simply tailored user interface is readily adjusted to specific user needs
- ❑ Scales up to the entire suite of SmarTeam products
- ❑ Enables concurrent engineering
- ❑ Enables a safe multi-CAD Digital Mock Up
- ❑ Enables the knowledge capture of the company Design/Review information.
- ❑ Provides the ability to access objects through quick search (query) on CATIA attributes
- ❑ Provides a quick access to document exposed attributes and its preview
- ❑ Provides quick access to impacted documents

ABOUT SMARTEAM V5R18

SMARTEAM manages and leverages corporate product knowledge and links it with business processes.

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