PDM Workbench

The CATIA V5 – Embedded PDM Client

PDM Workbench is a CATIA V5 integration which comes with a PDM client integrated in the CATIA V5 GUI. It combines the control of PDM with the CAD superiority of CATIA V5 in a single user interface.

CATIA V5 Integration

PDM Workbench, designed as a CATIA V5 Add-In, is dedicated to displaying and manipulating PDM data. The solution relies on a Web-Services Infrastructure and works with Aras Innovator.

It enables the designer to take full advantage of PDM capabilities supporting collaborative product development, all within the CATIA V5 environment the designer is familiar with.

Benefits

- CAD specific PDM functionality in CATIA V5 enabling design engineers to stay within CATIA only
- CATIA V5 look and feel by using standard CATIA V5 user interface
- PDM Workbench GUI independent of PDM client GUI
- Access PDM system from every client machine where PDM Workbench on CATIA V5 is running
- Supports handling of V4 data

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Key Features

- Supports PDM capabilities like query, BOM navigation, check out, check in, update, create of PDM and CAD data
- PDM GUI overcomes typical PDM Client GUI restrictions
- Can be configured to any customer data model
- Populates empty BOM-structures with CATIA data on-the-fly
- Simple and cost-efficient tailoring to customer needs
- Allows the synchronization of CATIA product structures to PDM

Technical Highlights

- Communication between the CATIA session and the PDM session based on Web Services
- SOAP (Simple Object Access Protocol) based communication (firewall-friendly)
- Fully customizable (PDM data model, dialogs, icons)
- Additional PDM functionality can be added by configuration

PDM Workbench Support Table

Application	Release
Aras Innovator	12 SP9, 14+ other releases on request
CATIA V5	R2020x, R2021x, R2022x, R2023x, other versions on request

Platform	OS Level
Microsoft Windows	Client: Windows 10 (64 Bit) Server: Server 2012, Server 2016, Server 2019

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