



SAP's PLM Integration for CATIA V5

Optimized Integration of CATIA V5 with seamless SAP/PLM Processes

The challenges manufacturing companies are faced with due to the globalization of the world economy have been aggravating in the last years more and more. After cost pressure and the efforts for proximity to customers have enforced the world-wide distribution of manufacturing (e.g. in the automotive supply industry) a comparable distribution of development seems to be desirable today.

Your Situation

This trend towards geographical fragmentation of the product development process makes it difficult to optimize the core business processes. The worldwide distribution of manufacturing and development not only brings about organizational problems but sometimes also necessitates a partial redesign of the IT infrastructure as well as an alteration of the application solutions in a company. The traditional separation of manufacturing and development turns out to be one of the most important hindrances to the optimization of business processes.

manufacturing and development processes. Without the implementation of an additional PDM system many typical features of the product data management are available in SAP. The main advantage of the SAP solution is the seamless integration of all business processes into a single system. The used authoring systems have to be connected to the development department if the development data should be integrated in an optimal way. Aside from office applications these authoring systems are above all CAx systems. For the integration of the CAD systems SAP has developed the strategic integration platform CAD desktop. This desktop guarantees a highly effective integration of CAD systems into SAP by the CAD development partners. Furthermore it unifies to a great extent the handling of the different CAD integrations. The CENIT AG Systemhaus is one of the development partners of the SAP AG for CATIA integration. The two provide with CDIV4 and CDIV5 efficient products for the integration of CATIA V4 and

Our Solution for You

Today many companies which focus on production already put their trust in SAP software for planning and controlling their business processes. Thanks to the PLM features integrated with SAP R/3 these companies enjoy the benefit of a tighter integration of



CATIA V5 into the SAP solution. During the development of CDIV 5 great importance was attached to the following points:

- Easy handling
- Exclusive use of standard programming interfaces
- Orientation towards the CATIA logic and methodology
- Pursuit of a document centric approach for the administration of the CATIA core documents (CATProduct, CATPart, CATDrawing, and CATProcess)
- Support of the possibilities CATIA and SAP offer for performance enhancement
- High system stability and data security
- Support of the mixed operation of CATIA V4 and CATIA V5

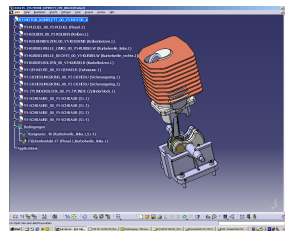
A detailed description of the CDIV5 features can be found on our Demo CD.

System requirements:

- CATIA V5 R9 ff
- SAP 4.6 ff
- SAP CAD Desktop 2.0 ff
- SAP Kpro

Supported platforms:

- Windows NT, 2000, XP



CENIT as a system integrator

CENIT AG Systemhaus is an authorized Special Expertise Partner SAP/PDM with many years of know-how stemming from a plenty of PLM projects. Therefore she represents an ideal system integrator for the conception and realization of your PLM solution.

The PLM team of the CENIT AG Systemhaus is prepared at best for the many-sided requirements of complex PLM projects. To go from the experienced project manager over the expert consultant and system engineer to the well-trained software developer- CENIT has the appropriate team for the realization of your PLM projects at her disposal.

Overview of the CDI V5 Features

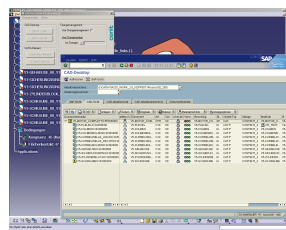
CDIV5 supports the key features of the CATIA data maintenance as for example:

- Storing CATIA files in the SAP Vault (Content Server); creating and linking of the associated SAP objects
- Mapping of the CATIA assembly structure as a SAP document bill of material
- Searching of CATIA objects in the SAP database and loading of these objects out of SAP
- Drawing maintenance with title block generation out of the SAP meta data
- Controlling of release and change processes
- Generating and maintaining of Viewing Files out of the CATIA models

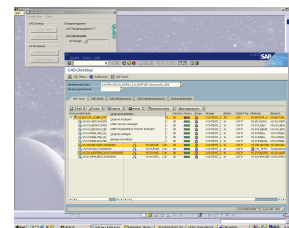
Your benefits

CDIV5 allows the use of the possibilities which were offered by SAP PLM for the mapping of development processes within the CATIA environment.

Worldwide distribution scenarios as well as control functions for release- and change processes can be used. With the help of this integration software development data can be made available in an early phase of development to the relevant company's divisions and can be controlled and developed further until the release of the series.



Because of the experience we gained by our mySAP.com development partnership and by other major projects together with the SAP AG we can guarantee you a successful collaboration.



Want to learn more about CDIV5? Please contact:

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Änderungen vorbehalten