



SMAP 3D EDM/PDM

Economic success requires tight integration of business processes, documents and information throughout the complete product life-cycle. Documents from design and development are not only needed in production and service, but also in sales and purchasing.

SMAP 3D EDM/PDM is the obvious choice in manufacturing industry to achieve this high level of integration, and the optimal solution for data management with Solid Edge!

SMAP 3D manages all the documents and information required by a company in the product life-cycle. SMAP 3D takes into account the special needs of the design department, and greatly simplifies their data management processes.

High level integration with Solid Edge

SMAP 3D has been developed specially for Solid Edge. The depth of integration with Solid Edge is unique in the UGS Voyager program, earning SMAP 3D therein the Premium status. The customer can therefore be assured of a high quality solution for managing Solid Edge and other design documents. And we ensure that SMAP 3D releases very closely follow the release of new Solid Edge versions.

Thanks to the deep integration with Solid Edge the end user hardly notices the small amount of extra work required for document management. In fact, in many situations the user will be guided through the process in such a way as to make his work easier and less prone to mistakes. It is possible, for example, to create a new revision of a released assembly, including all dependent 2-D drawings, with just a few mouse clicks.

The main benefits of SMAP 3D EDM/PDM

- High level of integration with Solid Edge
- Manages all the documents in your company
- Management of Standard Parts and Recurring Parts
- Efficient classification system
- Priority Management
- Status management
- Workflow
- Intelligent Search functionality
- Project management
- Support for different databases
- ERP Integration



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PartFinder Advanced

Projekt: 12-2006
Status: Freigegeben
Revision: 0
Version: 0

Typ	Status	Teilname	Zeichnungsnummer	Erweiterung	Status	Revision
✓		Kompressor 5X6	ZN AC 85039	ASM	Freigegeben	0
		Rahmen	ZN AC 85000	PAR	Freigegeben	0
		Maschinenfuß	ZN AC 85001	PAR	Freigegeben	0
		Riemenscheibe D=125mm	ZN AC 85031	PAR	Freigegeben	0
		Scheibe 45x5mm	ZN AC 85032	PAR	Freigegeben	0
		Riemenscheibe D=114mm	ZN AC 85030	PAR	Freigegeben	0
		Zahnriemen	ZN AC 85045	PAR	Freigegeben	0
		Rahmen Gitter	ZN AC 85029	PSM	Freigegeben	0
		Firmenlogo2	ZN AC 85017	PAR	Freigegeben	0
		Schwinge/riemen	ZN AC 85037	PAR	Freigegeben	0
		Motor	ZN AC 85023	ASM	Freigegeben	0
		Wippe oben	ZN AC 85044	PAR	Freigegeben	0
		Federspanner	ZN AC 85007	ASM	Freigegeben	0
		Stange	ZN AC 85038	PAR	Freigegeben	0
		Druckfeder Spanner	ZN AC 85003	PAR	Freigegeben	0
		Distanzstueck 20x20mm	ZN AC 85002	PAR	Freigegeben	0
		Schraubenkompressor	ZN AC 85036	ASM	Freigegeben	0
		Gehäuse	ZN AC 85010	PAR	Freigegeben	0
		Gehäusedeckel	ZN AC 85011	PAR	Freigegeben	0
		Zwischenstück	ZN AC 85046	PAR	Freigegeben	0
		O-Deckel	ZN AC 85026	PAR	Freigegeben	0
		Einlassventil	ZN AC 85006	PAR	Freigegeben	0
		Nebenrotor	ZN AC 85025	PAR	Freigegeben	0
		Zylinder	ZN AC 85047	PAR	Freigegeben	0
		Hauptrotor	ZN AC 85015	PAR	Freigegeben	0
		Luftfilter	ZN AC 60517	ASM	Freigegeben	0
		Luftfilter	ZN AC 60521	DFT	Freigegeben	0
		Luftfilter Gitter	ZN AC 60518	PAR	Freigegeben	0
		Luftfilter Rinn	ZN AC 60519	PAR	Freigegeben	0

Ausgewähltes Teil: Kompressor 5X6

Name	Wert
Revision	0
Status	Freigegeben
Zeichnungsnummer	ZN AC 85039
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SMAP 3D EDM/PDM

▪ Management of all documents in your company's workflow

SMAP 3D can be used for the management of all document types: Word, Excel, PDF, DXF files etc. SMAP 3D is hence not just a tool for the design department. Production planning can add design plans to a project. Sales can add the customers design specifications to a project, which can then be accessed by the designers. Purchasing has access to drawings which they can then send to suppliers.

▪ Status Management

SMAP 3D guides the user through status changes and notifies the user *before* potential errors occur. A good example of this is the checks performed on draft files before they are released. SMAP 3D only allows the release of up-to-date drawings. Drawings that are not up-to-date will not be released and can then be updated by the user. This saves the user the task of manually checking all drawings.

▪ Workflow

With SMAP 3D it is possible to execute any number of company-specific processes at certain stages of the SMAP 3D workflow. For example, it is possible to create a tiff file for a drawing as it is released, and then to add the tiff file to the appropriate project in the SMAP 3D database.

▪ Intelligent 3D-Search

The 3D-Search (a part of SMAP 3D SmartSearch) allows the user to search for documents based on physical properties, making it possible to find parts based on their geometry. That well-known question "Haven't we already done something like that before?" can be quickly answered with the SMAP 3D-Search. Search results are returned sorted by geometric similarity.

The benefits are obvious – less time spent repeating designs and fewer documents to manage

▪ Project Management

SMAP 3D Project is an ideal extension to PartFinder Advanced. Project allows you to manage projects directly in PartFinder Advanced. CAD documents, Excel tables, Word documents, Picture files etc. can all be linked to a project. In addition, it is also possible to add project specific properties to these documents. Your active project gives you an overview of all the important related information, and is always at the tips of your fingers with PartFinder Advanced.

▪ Management of Standard Parts and Recurring Parts

Standard parts are central part of SMAP 3D. The standard parts in SMAP 3D are integrated with its' EDM/PDM functionality. Standard parts are recognized by the EDM functions and are treated appropriately. It is, of course, also possible to make use of this integration with the Machinery Library from Solid Edge – Machinery Library is also developed by CAD Partner.

▪ Efficient Classification System

SMAP 3D offers a highly efficient and simple to use classification system. Every document can have multiple classifications, all of which can be used when searching. This makes it possible to find an assembly under 'Products' - typical for the sales department - and also enables purchasing staff to find the same assembly under 'Projects'. Using these capabilities can greatly reduce the time spent searching for documents, as everybody searches in a way applicable to their needs.

▪ Priority Management

With SMAP 3D it is possible to define a hierarchy of preferred parts up to ten levels deep. The purchasing department can then determine which parts are most preferable for use depending on price, stocks etc. This can save your company considerable production costs.

▪ ERP Interface

With SMAP 3D it is possible to connect external programs to the workflow. These can either be started interactively or automatically from SMAP 3D. This makes all kinds of automation possible, for example the automatic generation of tiff files for released drawings. External programs can communicate with SMAP 3D through a pre-defined data format. This is a two-way communication – information can be passed from SMAP 3D to the external program, that can in turn pass information back to SMAP 3D. Using these techniques it is possible to customize SMAP 3D according to your company's needs, as has been done several times by implementing interfaces to ERP systems.

▪ Support for Different Databases

SMAP 3D supports the following databases: Access, Microsoft SQL and MySQL. Access is acceptable for the management of Standard Parts. When making use of the PDM functionality of SMAP 3D we recommend Microsoft SQL or MySQL. Only with one of these databases can we guarantee acceptable performance and stability.

SMAP 3D is a product from CAD Partner GmbH. Further information about the software and its capabilities can be found at:

www.SMAPP3D.com



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