

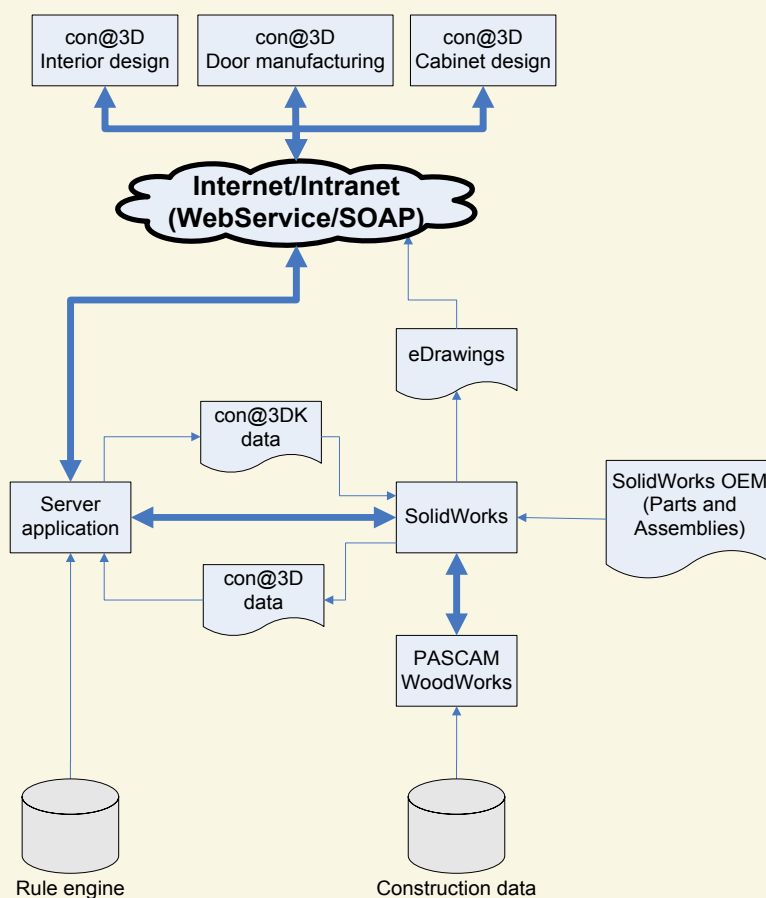


## Web-based product configuration in SolidWorks®

**PASCAM con@3D** is a software add-on to the 3D-CAD-system SolidWorks®. It can be used as an web-based 3D graphic order entry or an online 3D design/-planning tool.

Web-based processing of SolidWorks® 3D data is the goal of **PASCAM con@3D**. Its advantage comes from avoiding renewed full product design from scratch or expensive product modification by SolidWorks®-trained design staff to meet customers needs.

Based on the basic technology of **PASCAM WoodWorks** all necessary product information is automatically acquired and all functions of this efficient tool are fully accessible to integrate optional 3rd party software.



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## The web-based 3D graphic order entry solution

Full 3D-display of the SolidWorks® models

Runs on any Windows-platform based on ClickOnce-technology

Central administration of the published SolidWorks® models

Familiar user front-end; customizable to manufacturers company (corporate identity)

Saving the user generated order as an assembly for the subsequent processing by an operator in SolidWorks®

General and consistent production chain with optional CNC program generation

Free specification of design constraints/variability of the SolidWorks® models, defined by the manufacturers design department by a simple set of rules

Low net load due to modern WebService-technology

Access control to the SolidWorks® models available on different safety levels

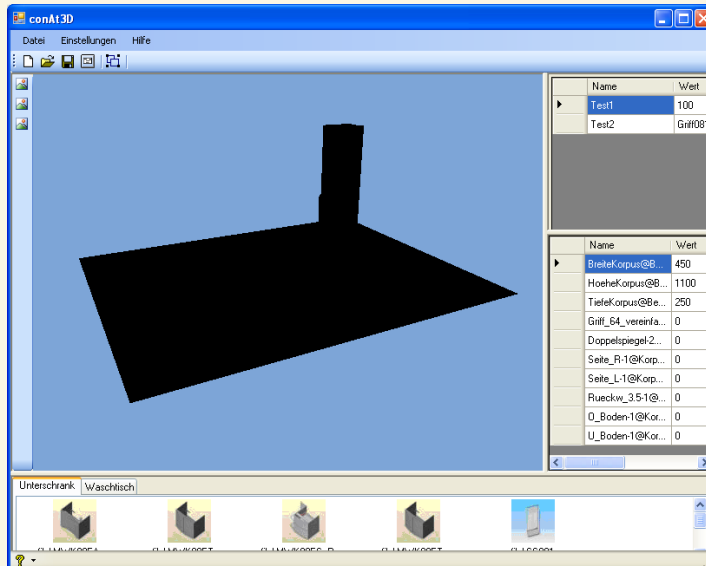
Connection to ERP systems or standard business software by means of XML files and/or database server coupling available

Fully integrated help system



## Interior design by the customer. - Easily done at home.

**PASCAM con@3D SmartClient** gives manufacturing companies the opportunity to let the customer plan his facilities. You provide only the product models and define the possibilities. Enable the customer to design and plan his interior fixtures according to his desires by putting your furniture and accessories on the Internet. Of course true to size and in a 3D view.



### Application of **PASCAM con@3D SmartClient** at manufacturing companies:

- **PASCAM con@3D SmartClient** provides a very solid and future-safe platform, based on SolidWorks®, **PASCAM WoodWorks** and DirectX.
- Easy handling at the greatest possible security level for the companies design data is ensured by a stable software structure.
- All data are derived directly from the SolidWorks®-3D model.
- All user generated, customized data is subsequently available as SolidWorks®-files for further processing, e.g. to CNC generation by means of **PASCAM Bea**.
- The transmission of the 3D data is carried out by means of the 3D standard format DirectX (compressed), which uses only low net bandwidth and offers high data security protection against abuse.
- A separation from SolidWorks® and server software ensures a high level of security from malicious external attacks.

## The modern on-line interior design tool based on SolidWorks®

Capable of dimensional modifications of the 3D SolidWorks® models

Determinable, which dimensions can be changed at the data export (rule based)

Automatic placement of components and assemblies in the virtual room, based on **PASCAM WoodWorks'** automatic mates

Complete data preparation in SolidWorks® by means of **PASCAM WoodWorks** and a special Add-In for the data export

Low local computer load, due to the use of SmartClient technology (only simplified models are transmitted and modern graphic cards are supported)

Online SmartClient application/ User front-end is downloaded automatically and updates itself via the Internet

Automatic offer generation for retail customers with capability to printout the customized results

Coupling with con@3D Database

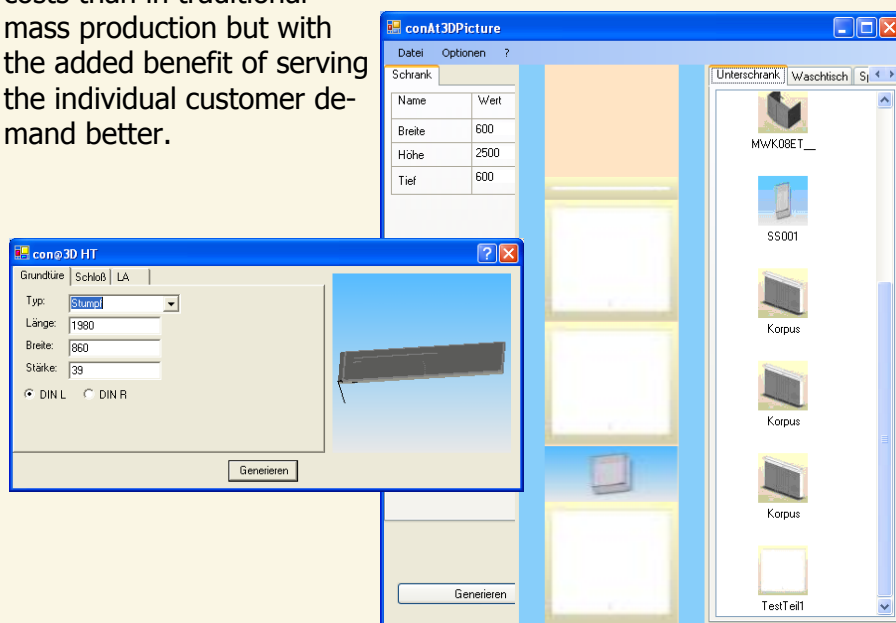
Application of an user-defined set of rules



## Product configuration based on SolidWorks-Data without SolidWorks®

**PASCAM con@3D TP** and **PASCAM con@3D SB** are two specific product configurators for the special application in either door manufacturing or cabinet manufacturing. The main task for these configurators is easy handling at data generation, as well as in the application and processing of model data in SolidWorks®.

Both software solutions support customized mass production of the specific products as economically and at nearly the same amount of costs than in traditional mass production but with the added benefit of serving the individual customer demand better.



### PASCAM con@3D TP for door manufacturers:

- Internal/entrance door configurator based on object parameters
- Model data continuity up to the CNC machining center by **PASCAM Bea**
- Based on Webservice

### PASCAM con@3D SB for cabinet manufacturers:

- Cabinet configurator based on object parameters
- Model data continuity up to the CNC machining center by **PASCAM Bea**
- Based on Webservice
- Automatic assembly set-up in SolidWorks® by **PASCAM WoodWorks**

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## Visual product configuration based on SolidWorks®

The product configurator **PASCAM con@3D** is an application to enable the manufacturers retail customers or sales staff, which are not qualified to customize and modify SolidWorks® models, to assemble and configure even complex SolidWorks® files from your catalog of products, in a correct and efficient way.

Modification of the selected SolidWorks® models is only permitted under a restrictive set of rules, defined by the manufacturers design department (Application of an user-defined set of rules).

The automation and acceleration of the offer preparation, as well as the product construction and the order handling is the main focus of the interactive **PASCAM B2C** product configurator

**PASCAM** product configurators are SmartClient based for a centralized software update management.

### System requirements:

- SolidWorks 2013 or later
- Windows 7 or later (64-bit)
- PASCAM WoodWorks 3.0 or later

Sales partner: