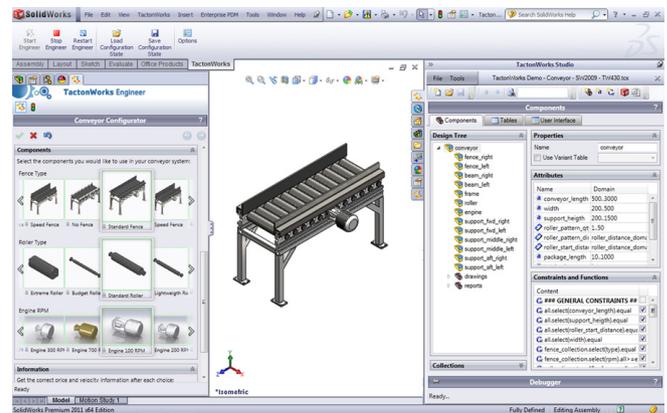


TactonWorks: Interactive Design and Sales Automation in SolidWorks

TACTONWORKS IS THE FIRST STATE-OF-THE-ART PRODUCT CONFIGURATOR INTEGRATED INSIDE A PROFESSIONAL 3D CAD SYSTEM. TACTON SYSTEMS HAS BEEN AT THE LEADING EDGE OF PRODUCT CONFIGURATION FOR OVER A DECADE, SUPPORTING MANUFACTURERS WITH CUSTOM CONFIGURED QUOTATIONS AND BILL OF MATERIALS USING TACTON CONFIGURATOR. NOW TACTONWORKS MAKES THESE CAPABILITIES AVAILABLE TO THE SOLIDWORKS COMMUNITY, TAKING DESIGN AND SALES AUTOMATION TO A NEW LEVEL OF EASE-OF-USE AND CAPABILITY.

BENEFITS OF DESIGN AUTOMATION

- ▶ Quickly generate customized 2D drawings and 3D models for quotations and manufacturing.
- ▶ Automate routine engineering tasks in the design-to-order processes.
- ▶ Secure result, quality, and consistency.
- ▶ Jump start transition from 2D to 3D for customized products, by automatically customizing instead of reworking old drawings for new requirements.
- ▶ Sales representatives, or customers, can interactively create custom configured products and view, or download, dynamically generated images or CAD files via a web interface.



ADVANTAGES OF TACTONWORKS

TactonWorks state-of-the-art rules engine provides significant advantages over conventional design automation tools in terms of interactivity, ease of maintenance, and the fact that it is completely embedded within the SolidWorks window, enables full synergy between 3D CAD and design automation.

Highly interactive

The unique interactivity of TactonWorks empowers the user to explore all configuration alternatives and create the optimal customization. Selections and inputs can be made in any sequence and the user will always see which options are compatible with the requirements defined so far. If there are conflicting choices TactonWorks will automatically advise on how to resolve these. A valid design solution is generated every time, even if the input only has partial requirements.

Ease of rules maintenance

The design rules are defined in TactonWorks Studio, a graphical point-and-click environment embedded in the SolidWorks task pane. The rules are designed intuitively and concisely as logical dependencies between design parameters. This drastically reduces the number of rules needed compared to conventional Knowledge Based Engineering solutions.

Runs within SolidWorks

TactonWorks is a SolidWorks add-in, which runs inside the SolidWorks user interface, next to the assembly document. Users can interactively create optimal customizations of complex products, and automatically generate complete SolidWorks 2D drawings and 3D models. As the user changes a requirement, the SolidWorks documents are immediately updated, making it possible to directly view the consequence of each change.

TactonWorks Products

TactonWorks Engineer

TactonWorks Engineer is the SolidWorks add-in for customizing SolidWorks documents according to rules that have been defined in TactonWorks Studio. TactonWorks Engineer runs the Tacton Configurator engine inside the SolidWorks user interface, empowering the user to interactively define customer requirements and create optimal customization of the product design.

The output will automatically be turned into complete 2D drawings and 3D models inside SolidWorks.

TactonWorks Studio

TactonWorks Studio is used to define the design rules for the products and their components. These rules are used by the other TactonWorks products to customize the product. TactonWorks Studio is a graphical point-and-click environment, running as an add-in within the SolidWorks task pane, where the engineer can define the design rules intuitively and concisely without programming.

The necessary data for the components can be imported from Microsoft Excel.

TactonWorks Batch

TactonWorks Batch is a Windows application that can generate SolidWorks documents for many design variants in batch mode.

The user can specify the required range of variation. TactonWorks Batch will then generate all valid combinations within that range, and generate the specified SolidWorks documents for each configuration.

TactonWorks Online

TactonWorks Online brings the last piece of process automation – Sales Automation – to you by making it possible to align information from underlying systems with the sales process taking automation of sales to a completely new level. The online nature of TactonWorks Online makes it possible to fast and easily create accurate and high quality quotations and bill of materials in minutes instead of weeks.

Tacton Systems – cutting edge configuration technology

Tacton is based on two decades of cutting edge R&D in product configuration and sales configuration, beginning in 1987 at the Swedish Institute of Computer Science. Tacton Configurator is in production use since 1998 by a wide spectrum of leading manufacturing companies of all sizes around the world, including Ericsson, GE Healthcare, ABB, Siemens, Pentair, Hoffman Enclosures, ASSA ABLOY, Black Box, Thermofisher Scientific, Flåkt Woods, and FLSmidth.

For more information, please visit www.tacton.com/tactonworks

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