

Tacton Design Automation Engineer

Tacton Design Automation Engineer enables design engineers to quickly and interactively capture your end-customer requirements and automatically create customized 3D models and 2D drawings from inside your CAD software

Easily generate CAD documents based on your customers' needs

- > Fully imbedded in CAD
- > Simple and user-friendly point-and-click interface
- > A dramatically faster quotation process
- > Always proposes the optimal solution
- > Saves design process time
- > Integrates your existing enterprise applications

“The drawings for complex shaft arrangements can now be produced in as little as 20 minutes, where this process previously took between 24 and 60 hours.”

Pär Hallgren,
Caterpillar Propulsion

Tacton Design Automation Engineer is a natural part of your engineers' daily design work. It allows the design engineers to start a configuration model in just two clicks. The configuration models can be stored in a model library.

Tacton Design Automation Engineer will automate your routine design process and save time. The generated CAD documents are based on product rules and data defined in a design automation project created in Tacton Design Automation Studio.

FULLY EMBEDDED IN CAD

Tacton Design Automation Engineer comes fully embedded in your CAD application, so you can leverage your existing CAD investment. It allows your design engineers to interactively capture customer requirements and automatically receive feedback on incompatible choices and how to resolve potential conflicts.

SIMPLE AND USER-FRIENDLY POINT-AND-CLICK INTERFACE

Tacton Design Automation Engineer offers a simple and user-friendly way of defining the customer requirements that lets anyone without previous product knowledge explore and find their optimal solution.

The end-user dialog is highly intuitive and informative. This makes it possible for the end user to know in advance which choices are possible, which ones result in conflicts and which ones are invalid.

Your end users can enter input in any preferred order. This means they can configure complex products with total flexibility without having to stop to make corrections.

A DRAMATICALLY FASTER QUOTATION PROCESS

Accurate, high-quality proposals with supporting documentation are generated automatically. This speeds up the quotation process dramatically, keeping you one step ahead of the competition.

ALWAYS PROPOSES THE OPTIMAL SOLUTION

If you select a conflicting or invalid option, Tacton CPQ automatically proposes the best alternative or an explanation of why your option cannot be selected.

The proposed configuration solution is always optimized and complete. As a result, you don't have to provide input to all the end-user options to obtain an optimal and complete solution.

SAVES DESIGN PROCESS TIME

Tacton Design Automation Engineer enables you to automatically update numerous parameters in 3D models and 2D drawings and automate the design process based on the configuration result.

With the export feature, you can save the configured 3D models and 2D drawings in all supported CAD file formats with customized names and save locations based on the configuration result.

You can also generate Microsoft Word and Excel documents based on the configuration result to automatically produce customized quotations and bills of materials.

INTEGRATES YOUR EXISTING ENTERPRISE APPLICATIONS

Tacton Design Automation Engineer offers a standard integration connector to external systems to capture data and documents during the configuration process, such as product information and CAD documents from ERP, PDM and PLM systems.

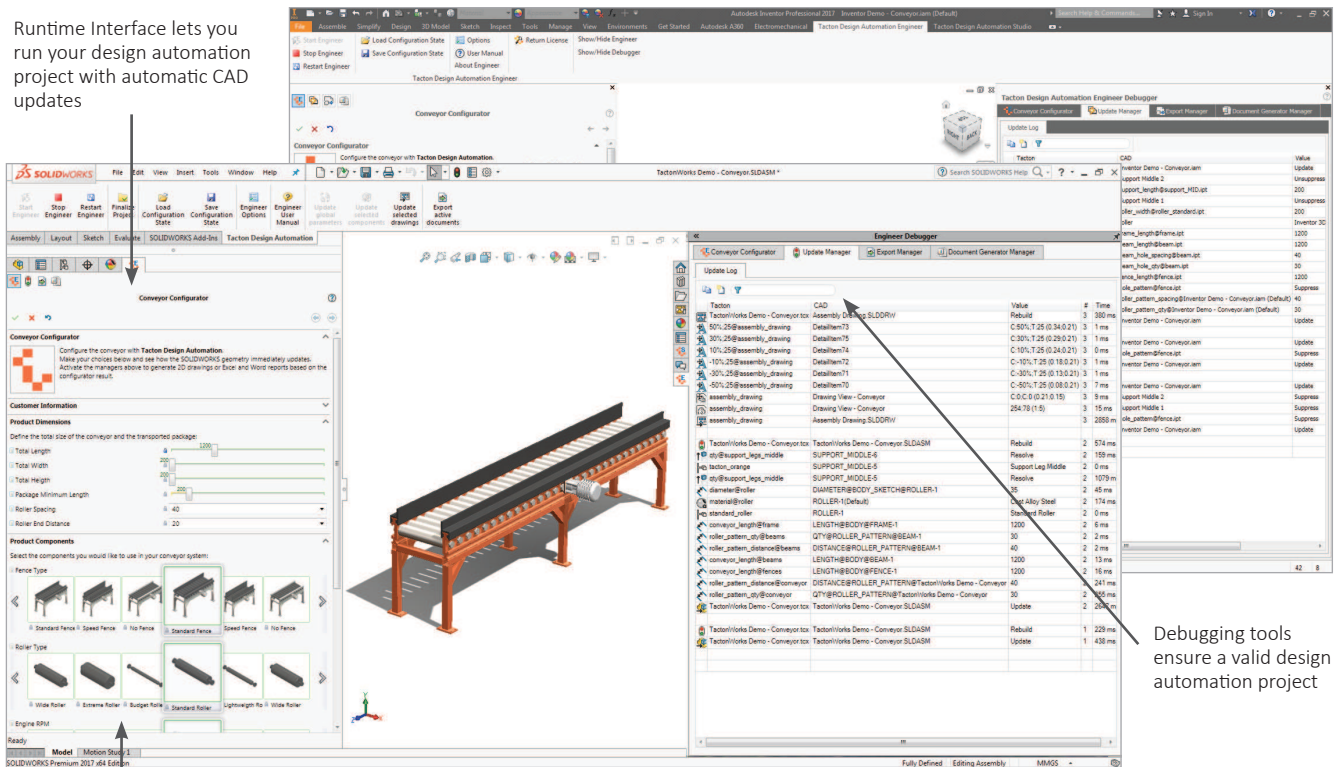
It also offers customization capabilities so you can customize and complement the standard functionality with customer specific add-ons to a standard product.

KEY FEATURES

- > Compatible with all Tacton standard products
- > Out-of-the-box installation
- > Custom translation for the complete application
- > Supports exports of both native and all file formats supported by the CAD software
- > Contains a standard API for add-on development
- > Can integrate with external systems such as ERP, CRM, PDM and PLM systems
- > Supports customer-specific add-ons so you can customize and complement the standard functionality

Tacton Design Automation Engineer for Autodesk® Inventor®

Runtime Interface lets you run your design automation project with automatic CAD updates



Debugging tools ensure a valid design automation project

Tacton Design Automation Engineer for SOLIDWORKS®

Multiple user interface types simplify the user dialogue

GAME-CHANGING CONFIGURATION

- > Constraint-based configuration means dramatically fewer rules
- > Always presents the solution that best meets the customers' needs
- > Highly scalable – the stateless configuration engine handles complex models and high user loads with ease and speed
- > All variables simultaneously considered. Ensures valid, error-free configuration – every time
- > Automatic error resolution and no dead-ends

MAINTENANCE & SUPPORT

- > No programming or IT expertise needed
- > Product data is maintained separately from configuration rules making it fast and easy to introduce and update products
- > Customer support by Tacton's knowledgeable consultants
- > Access to Knowledge Base online support

About Tacton

Tacton Systems is the world leader in solutions for Configure, Price and Quote (CPQ), also known as sales and product configuration. Tacton's solutions make it dramatically simpler to design, configure and sell products and services. The solutions integrate easily with surrounding systems and have standard integrations for many leading e-commerce, ERP, CRM, PDM, PLM, and CAD systems. Tacton is headquartered in Stockholm, Sweden, with customers and resellers across the globe. Customers currently using Tacton's solutions include ABB, Aker, Meyn and Siemens. Read more at www.tacton.com