

Infor 2D Design Automation

Overview

Configure Price Quote (CPQ) software allows manufacturers to streamline the selling and production of their configured products. With Infor's CPQ software, you can drive revenue, reduce costs, and differentiate your brands in the marketplace. You'll be able to create compelling quotes, accurate orders, and complete bills of materials and routings.

Add Infor® 2D Design Automation to Infor Product Configurator, and you gain the ability to visualize configured products in dynamic two-dimensional images. You'll get real-time visual feedback on options you select to reduce order errors. And, you'll get configuration-specific outputs for use by sales and manufacturing, which eliminates time and errors.

Key benefits

By using Infor 2D Design Automation with Infor Product Configurator, you can:

- Reduce order errors by providing dimensionally accurate visual confirmation of product configurations.
- Reduce engineering resource costs by automating creation of drawings and CAD files.
- Provide value-added sales deliverables that might otherwise be too costly to produce.
- Streamline production and help ensure quality by providing manufacturing with configurationspecific drawings.
- Simplify product modules by using a powerful geometric engine for complex calculations.

Features

CAD Automation for dynamic 2D models and drawings

Infor 2D Design Automation is a powerful geometric engine that works with Product Configurator to dynamically generate dimensionally accurate 2D visuals. The system produces outputs in a variety of raster formats, including jpeg, and gif, as well as vector formats that are used as:

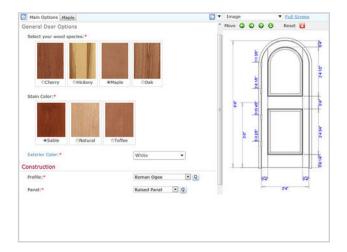
- 2D model images displayed during the configuration process and on the Infor Sales Portal quote screens.
- 2D print images used in printed documents such as bids, proposals, product brochures, and reports.
- Annotated drawings used in submittals or as sales drawings.
- AutoCAD® and CAD files that engineers and designers include in their own CAD drawings.

Infor 2D Design Automation can create complex multi-unit combination products, such as HVAC systems with multiple elements. The geometric engine dynamically generates all outputs, without the need for any third-party CAD product at execution time.

Visualization, output generation, and complex dimensional calculations

As a product visualization tool, Infor 2D Design Automation provides immediate confirmation that a configured product looks exactly the way the customer wants it to look. It can run interactively as an integral part of the configuration process or after you've made all configuration selections.

As a drawing output generator, Infor 2D Design Automation can be run after the configuration process is complete to generate the other 2D output files for use in bid, proposal, or submittal documents and other deliverables. You can use a variety of image handling programs to view and edit generated drawings.



As a complex dimensional calculator, you can query the Infor 2D Design Automation geometry engine for values it calculates based upon inputs from the configurator. The system passes key driving dimensions to the geometry engine, which resolves the constraints and dimensional relationships to calculate the values of derived dimensions. The configurator can then use those values in the configuration session. This capacity can:

- Keep complex engineering logic or math external to configuration rules.
- Reduce errors in computation by using a robust geometric engine to do the math.
- Improve performance by using powerful mathematical solvers built into the geometry engine.

Develop models with popular CAD tools

You can use the 2D sketching capabilities of popular CAD systems, enhanced with Infor 2D Design Automation, to create the parametric 2D template models used by the geometry engine. With this innovative approach, existing drawings can often be turned into "smart" 2D models, in a matter of hours. The resulting models allow Infor 2D Design Automation to automatically resolve constraints and dimensional relationships between geometric elements and perform the complex calculations necessary during configuration to generate the images dynamically. This reduces model design time, makes it easier to maintain complex logins, and optimizes run-time performance.

Get more information now

Find out more about Infor 2D Design Automation by visiting

www.infor.com/customers/inforcpq



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