Overview

Infor’s Product configuration management (PCM) software allows manufacturers to streamline the selling and production of their configured products. With Infor® Product Configurator, 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.

With Infor Product Configurator, you get the power and flexibility to handle any configured product or service, and support practically any type of user or application—plus, you can integrate the software with your web, mobile, enterprise, desktop, and laptop systems.

With Infor Product Configurator, you can:

• Capture the knowledge of your product experts in easily maintained product models.
• Publish product models from the central repository to people and applications.
• Guide users through the selection of product features, options, and dimensions.
• Calculate price, cost, and other information, such as performance characteristics or engineering specifications based on the product configuration.
• Generate a wide range of configuration-specific outputs, including images, models, and documents.

Key benefits

With Product Configurator, you can:

• Accelerate key processes such as quoting, order entry, and price book/catalog generation.
• Increase sales by making every sales person, customer service rep, dealer, and distributor a product expert.
• Decrease costs by reducing the need for engineering support in sales and other processes.
• Eliminate errors in product specification and pricing.
• Gain the ability to quickly train new employees and sales partners.
• Speed new product introduction by reducing or eliminating the need to distribute product and pricing updates.
• Streamline production and improve quality by providing accurate configuration-specific information to manufacturing.

Features

Intuitive user interface

You get a dynamic user interface that makes the entire configuration experience highly intuitive, productive, and personalized—on just about any laptop, desktop, or mobile device. With Infor Product Configurator, you get:

• Dynamically-rendered user experience that presents the right product view, language, currency, pricing, and UI features based on the combination of user role, mobile or device type, location, and task.
• Customizable look and feel that makes option selection extremely easy without programming.
• APIs for custom extensions that make it easy to give users a rich experience and use existing data and programs.
**Powerful configuration engine**

The core configuration engine processes the rules, constraints and associated data in product models based on inputs from the user interface or other applications to provide:

- Guided product selection that helps users identify and select the product that best fits their needs.
- Product configuration that helps users understand and select available features, options, and dimensions, while ensuring they define a valid product.
- Product pricing that ensures an accurate price and/or cost for any given configuration.
- Real-time product visualization that brings your products to life by providing immediate visual reference and confirmation at the product, feature, and option levels. Visualization options include static imagery, 2D drawings, 3D CAD models, and rendered photo-realistic images.
- Output generation that dramatically reduces the effort to create documents and data required to sell or manufacture the configured product. Output options include configuration-specific BOMs, routings, drawings, CAD models, and almost any kind of document.

**Graphical Design Studio**

You can easily create comprehensive product models that make selection and configuration of even the most complex products intuitive and error-free. You develop the product models that drive the Product Configurator in the Design Studio. You get integrated product and user experience modeling in a single environment, so you can control exactly what users will be able to see and do based on their role, business function, and application context. Plus, you get:

- Robust modeling tools that use a combination of rules and constraints to represent product knowledge and tailor the user experience by role, function, application, and locale.
- A graphical user interface that provides a visual representation of the model, with point-and-click access to the details of every rule and constraint.
- A real-time testing environment that allows you to iteratively develop and test models.
- Model management tools that help you maintain control of product models in development, staging, and production.
Deploy anywhere, manage centrally

You can use the integration and administration tools within Product Configurator to easily deploy the software for a specific function, or across all your applications and computing platforms. You can make it available to particular individuals or to your global community of employees, partners, and customers.

With Product Configurator, you can:

• Integrate with web, client-server, or native applications on Windows, iSeries, and UNIX platforms using native APIs and web services.

• Deploy online via the web, or on the iPad® and other tablets and smartphones, and distribute to remote desktops with automated Internet-based synchronization.

• Offer role-based configuration capabilities to your sales force, customer service personnel, dealers, distributors, and customers from a single, consistent product model.

• Manage all information, including product and pricing data, images, CAD models, configuration rules, and user profiles from a central point.

• Scale up to any number of applications and users with multi-server, load balancing, and failover capabilities.

Get more Information now

Find out more about streamlining the selling and production of your configured products with Infor Product Configuration by visiting www.infor.com/solutions/pcm/
Overview

Product configuration management (PCM) software allows manufacturers to streamline the selling and production of their configured products. With Infor’s PCM 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 configuration-specific 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

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About Infor

Infor is fundamentally changing the way information is published and consumed in the enterprise, helping 70,000 customers in 194 countries improve operations, drive growth, and quickly adapt to changes in business demands. To learn more about Infor, please visit www.infor.com.
Overview

Product configuration management (PCM) software can help manufacturers streamline the selling and production of their configured products. With Infor®’s PCM 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.

Accelerate the design and delivery of configured products, while reducing costs and freeing up your engineers to do higher value work with Infor 3D Design Automation. Use this solution in conjunction with Infor Product Configurator to automate the generation of configuration-specific detailed 3D models, drawings, and manufacturing information for individual customer orders.

Key benefits

Using Infor 3D Design Automation with Infor Product Configurator, you can:

- Accelerate delivery of customized product orders by eliminating engineering steps from lead time.
- Reduce engineering costs by automating creation of detail drawings and manufacturing information.
- Provide value-added sales deliverables that might otherwise be too costly to produce.
- Streamline production and help ensure quality by providing configuration specific drawings and information to manufacturing.
- Speed new product development by taking advantage of modular product family models.
- Use your existing CAD tools and skills.

Features

**CAD automation for dynamic 3D models**

Dynamically generate configuration-specific 3D models based on user entered features, options, and dimensions using Infor 3D Design Automation with the Product Configurator and your 3D CAD system. Infor Product Configurator and Infor 3D Design Automation dynamically resolve 3D CAD model templates containing assembly and part templates, parametric relationships, and geometric constraints at run-time to generate CAD outputs, as well as detail drawings and manufacturing information.

Because Infor 3D Design Automation can read a CAD model assembly structure to identify the components in a product’s BOM, you won’t have to maintain BOM rules within the model. This can help you reduce model creation and maintenance work.

**Rapid creation of as-engineered product definitions**

Dramatically reduce the time and cost needed to produce configured product definitions at an as-engineered level of detail and accuracy suitable for use by engineering, sales, and manufacturing. With Infor 3D Design Automation, you can replace time-consuming and tedious manual CAD operator activity with automatic generation for:

- High level models and quote drawings to support product visualization and customer collaboration during the configuration and sales process.
- Specification drawings and CAD files (e.g. DXE, IGS, STP files) for delivery to the customer once the order is placed.
- Shop drawings such as detail, section, quality, and inspection drawings at the assembly, subassembly, and component level for use by manufacturing.
- Detailed assembly models for use by engineers for further engineering analysis or to generate CNC instructions for numerically controlled equipment.
Innovative design methodology

Designers can use Infor 3D Design Automation’s innovative methodology along with Product Configurator’s rules and with their existing 3D CAD system to develop product family models. These models can then be used as templates for the automatic generation of configuration-specific product designs. In addition to supporting the automatic generation process, this approach speeds the design process, and produces product family models that are faster and less expensive to develop and maintain than traditional 3D models developed using a CAD system alone. In addition, you get:

- A design for customization approach—Establish the guidelines and standards to create product family models that provide maximum flexibility and ease of configuration.
- A design reference database—Use highly modular 3D models that combine to represent the complete product family by mapping input variables to the various sub-models, their attributes, and their location, position, and orientation within the completed product.
- A testing application—Designers tools to easily exercise and verify product family models, before releasing them for use in the automated generation process.

Get more information now

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