

2020 Insight Foundation

2020 Insight Foundation is a preconfigured, easy-to-deploy Manufacturing Operations Management (MOM) solution that enables profitable mass customization by automating and optimizing ordering, engineering and production processes to make innovation easier while reducing operational costs. It contains pre-configured data and selective software modules to help ensure a fast, efficient deployment and maximum return-on-investment.

2020 Insight Foundation is designed specifically for cabinet manufacturers and provides a foundation to grow when you grow.

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2020 Insight Foundation

The Challenge

The challenge for cabinet manufacturers is meeting the ever changing customer needs while maximizing existing investments in people and equipment. Imagine if you could double your custom design output with your existing team. How about offering a wider range of products from fewer engineering models and having all the CNC code automatically generated? Better yet, imagine increasing your sales volumes while reducing your order processing costs. 2020 Insight Foundation provides the business agility you need to succeed in a constantly changing marketplace.

The Solution

Designed for small-to-medium furniture manufacturers, 2020 Insight Foundation goes beyond traditional enterprise resource planning (ERP) to deliver a comprehensive manufacturing operations management platform that connects your processes to create a seamless flow of information from sales order to installation. This evolved coordination improves communication by sharing product, order and supply chain information with the right person at the right time—adding value to your current material resource planning (MRP) investment. 2020 Insight Foundation automates and optimizes your production workflows based on your unique business rules and best practices, eliminating manual steps that cost you time and money. By implementing 2020 Insight Foundation, you can strike the perfect balance between flexibility and automation, from order entry through to your engineering department and shop floor to improve your organization's business agility and performance.

With our solutions, our clients have:

- Doubled custom design output with existing teams
- Decreased order processing costs by as much as 80%
- Expanded retail locations without increasing order management staff
- Reduced time to market by up to 90% for new product lines
- Reduced direct labor cost by over 10%
- Executed custom product orders as if they were standard
- Designed and launched new product lines in under 12 weeks
- Reduced work in process inventories by up to 90% in key work area

Benefits

Improve communication

Automated communication of the sales order from the dealer to the manufacturer improves order accuracy and reduces errors in production.

Increase sales volumes

By streamlining order processing, you can expand your retail presence without adding new order management costs.

Accelerate product time to market

Automate engineering using reusable, construction-based models. Launch new products faster so that you can beat out your competition.

Reduce production costs

By optimizing production processes, automating workflow, and implementing real-time tracking and alerts, you can make the most of your people and material resources.

Increase business agility

Strike the perfect balance between flexibility and automation. Match your operational workflows with your capabilities and requirements so you can execute custom orders as if they were standard.

Fast ROI

2020 Insight Foundation can be up and running in a short period of time and can begin delivering great return on investment (ROI) immediately.

Expand when you need it

2020 Insight Foundation is designed to be scalable, allowing you to expand into more functionality available in the 2020 Insight's enterprise model when you need it.

How 2020 Insight Foundations Works

Product Data

Import catalogs from 2020
Design to quickly establish
products with features and
options like door styles, finishes,
hardware and accessories.
Get started quickly with a set
of pre-configured engineering
models that are flexible,
construction-based and each
support a range of SKUs.

Configure Processes

Customize pre-configured business logic blocks to mimic your workflow and manufacturing processes. Automate tasks and events along the way and configure dynamic manufacturing routings.



PRODUCT & PROCESS CONFIGURATION













MANAGE ORDERS AUTOMATE ENGINEERING SCHEDULE PRODUCTION & SHIPPING

EXECUTE MANUFACTURING



Manage Orders

Manage and validate sales orders with support for customer data and order line configuration. Streamline with the ability to automatically import files from 2020 Design via email or FTP.

Schedule Production and **Shipping**

Create production orders and shipping schedules. The system automatically creates work orders in which it groups items with other like items across sales orders. Work orders are back scheduled to be completed by the ship date.

Execute Manufacturing

Coordinate and optimize production activities across multiple workcenters using dynamic routings. Deliver targeted information to workcenter leads & machine operators. Accurately track order progress and easily identify and track rework.

Automatically create cutlists for panel saws, generate programs for CNC machines and send parts to routers with true shape nesting—for both standard products and specials.

Stage and ship according to schedule with bidirectional visibility between the front office and loading dock. Send invoices to financial system.

Automate Engineering

Parametric, construction-based engineering models automatically generate unique, indented Bills of Materials with corresponding drawings, routings and CNC code—on demand.



About 2020

2020 helps professional designers, retailers and manufacturers in the interior design and furniture industries capture ideas, inspire innovation and streamline processes. By providing end-to-end solutions and the world's largest collection of manufacturers' catalogs, 2020 provides businesses with the software and content to be more efficient, integrated and productive.



Professional

Enabling professional designers to create kitchens, bathrooms, closets and commercial offices which look as stunning on the screen as they will in reality.



Manufacturing

Providing furniture and cabinet manufacturers a complete manufacturing operations management capability developed to meet their needs.



Retai

Empowering interior home improvement retailers to inspire the imagination of their customers and accelerate decision making.



System Recommendations

Database Server:

Microsoft SQL Server 2012 Windows 2003/2008 Server

Client Workstation:

Microsoft Windows 7 Pro/Enterprise or Windows 8 Pro

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