

Process Industries

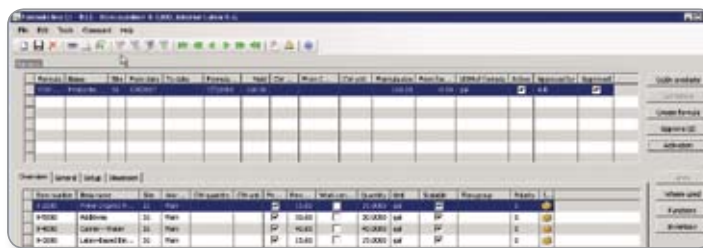
Process Industries for Microsoft Dynamics AX

BENEFITS

- **Increase operational speed and flexibility.** Support multiple manufacturing modes, including make-to-order, make-to-stock, and hybrid or mixed-mode environments. Implement best practices to streamline processes and help increase efficiency.
- **Enhance connectivity and communication.** Maintain high production levels and on-time delivery rates by sharing real-time information about specifications, order status, and quality control (QC) testing among key departments and trading partners.
- **Gain insight into costs and process efficiency.** Understand and manage production schedules, capacity loadings, shop floor activities, and production costs. View up-to-the-minute client, contract, and project details for an accurate accounting of profitability.
- **Improve inventory management.** Create multi-dimensional inventory records and track items throughout the supply chain. With accurate inventory status, you can implement effective recall procedures and maintain complete forward and backward traceability of any material.
- **Respond quickly to changing market conditions.** Capitalize on new opportunities as they arise by modelling production capabilities, quickly sharing engineering information, and adjusting product mix for changes in demand.

Improve operational efficiency by integrating sales, production, inventory, quality control, and customer service capabilities throughout the process manufacturing lifecycle.

By integrating information and capabilities throughout the design and manufacturing lifecycle, Process Industries for Microsoft Dynamics® AX can help you maximize capacity, manage co-products and by-products, comply with regulatory mandates, meet changing customer demands, and drive continuous process improvement.



Process Industries for Microsoft Dynamics AX provides an easy-to-use, easy-to-understand way to create and manage recipes and formulas. With a single screen, users can review and maintain important information about the formula, as well as the individual ingredients.

With Process Industries for Microsoft Dynamics AX you can tailor your production management system to fit the needs of your business. Flexible and adaptable processes and tools help you take advantage of changing market conditions so you can expand into new product lines and global markets. By modeling your production capabilities and providing accurate capacity planning and production costing, you can gain valuable insight into your business to effectively manage manufacturing resources and increase profitability.

FEATURES

Fast RFQ development time	<ul style="list-style-type: none">• Decrease development time for requests for quotations (RFQs), streamline quoting and estimating processes, and reduce risk with accurate costing and capacity information.
Customizable item and inventory dimensionality structure	<ul style="list-style-type: none">• Define multiple inventory dimensions, including dual units of measure, catch-weight calculations, packaging codes, variations to the main item, and lots.• Understand the dynamics of your stocking practices and conduct comprehensive where-used analysis, including alternate formula and recipe tracking.
Integrated quality control capabilities	<ul style="list-style-type: none">• Track QC testing—including QC passes, fails, quarantines and releases, and downgrades—as part of inventory status.
Customizable product formula and packaging capabilities	<ul style="list-style-type: none">• Manage multi-level formulas or recipes and support flexible product configuration and packaging options.• Enable customers to request multiple quality specifications per product while combining similar products in production to improve machine utilization.
Detailed production costs analysis	<ul style="list-style-type: none">• Analyze and monitor production costs and requirements for each component of a sales order using graphical representations of multi-level formulas and recipes.
Optimized picking	<ul style="list-style-type: none">• Reduce inventory costs and eliminate waste by pulling inventory in optimal sequence using “best-before” management and either first expired/first out (FEFO) or first in/first out (FIFO) picking guidance.
Manufacturing process validation	<ul style="list-style-type: none">• Facilitate compliance with mandates from regulatory agencies such as the U.S. Food and Drug Administration (FDA) by validating manufacturing processes.
Web-based, workflow-enabled communication	<ul style="list-style-type: none">• Share information with your employees and trading partners via the Internet to maximize productivity and enhance collaboration.• Enable customers to order in their preferred unit of measure (UOM), and provide critical product and order information to customers and suppliers through Enterprise Portal in Microsoft Dynamics AX.
Low total cost of ownership (TCO)	<ul style="list-style-type: none">• Tight integration with Microsoft® Office system applications, Microsoft SQL Server®, and Microsoft Windows® SharePoint® Services helps maximize your IT investments.• With the look and feel of familiar Microsoft products, people can become productive quickly with minimal training.

For more information about Process Industries for Microsoft Dynamics AX 2009, visit www.microsoft.com/dynamics/ax/product/processindustries.msp.

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