Process Manufacturing Suite for Acumatica







NATIVELY EXTEND ACUMATICA TO MEET YOUR PROCESS MANUFACTURING NEEDS

The Process Manufacturing Suite for Acumatica by eWorkplace Apps is natively built within and is a integral part of Acumatica Cloud xRP platform and the Manufacturing edition. Developed within Acumatica's framework and using the same database, the Process Manufacturing Suite for Acumatica enables all core business functions and process manufacturing operations to be connected, managed, and coordinated from one ERP system with a single source of truth. The Process Manufacturing Suite for Acumatica solution manages manufacturing complexities inherent to the products, processes, and variables of process- and formula-based manufacturing industries, such as:

- Food & Beverage
- Packaged Products
- Chemicals
- Paints & Coatings

- Life Sciences / Pharmaceuticals
- Supplements / Nutraceuticals
- Personal Care & Cosmetics
- Hemp & CBD

2 Acumatica Sales Orders ① Lot Attribute 25 Q 🕚 0 Process Manufacturing 0 Inquiries III Production Schedule Board Work Center Schedule Lot/Serial Hierarchy Late Assignment * Batch Entry Formula Rough Cut Planning Where Used in Production ★ Physical Property Analysis Report m Work Center Capacity * Batch Ticket Bill of Material APS Maintenance Picklist Detail WIP Adjustment BOM Compare UOM Types Create Labor Time Activities Product Cost Detail Update Production Orders - Print Material Transactions by Order Boilerplate Group Formula Compare Update BOM - Create Revision Super Batch Detail Materials Boilerplate Input List Cost Transactions * Batch Ticket Detail Labor Boilerplate Checklist Update Stock Item Work Center Dispatch Boilerplate Transaction Boilerplate Instruction Validate Data In BOM Filtered Production Summary Multi Level BOM Super Batch Formula Class Update BOM -Sync Status Where Used Batch Ticket Report (Operation Vendor Shipments Overhead Unreleased Material Allocations Visual BOM Super Batch Ticket Detail Critical Materials Machines Update Production Orders - Create Cost Roll History Preferences Shifts Sync BOM Materials Transactions By Production Order Configuration BOM Preferences Tools Load All Properties in Formula Product Cost Analysis Unit Conversions Production Order Types Lahor Codes Cost Roll Where Used PMS Masters Process Manufacturing Configur. Dashboards Update Formula Cost Work Centers Printed Forms * Manufacturing Dashboard Update BOM Cost Vendor Ship Pick List Production Manager Dashboard ★ Physical Property Group Master Material Substitution - Select Ma Vendor Shipment Packing List PMS Flow Update Item Details & Conversions * Physical Property Analysis Import Scenarios ★ Physical Property Equation Process Formula

KEY BENEFITS

APPLICATION BENEFITS

- Extends Acumatica to deliver an industry-specific ERP solution for process manufacturers
- Fully integrated with Acumatica Manufacturing Edition – MRP, Planning and Scheduling, etc.
- 100% developed using the Acumatica framework and database

BUSINESS BENEFITS

- Increase visibility and control
- Streamline operations
- Accelerate product development
- Balance inventory levels
- Scale up production
- Ensure quality and compliance
- Respond to changing customer demands
- Make better decisions, faster
- Strengthen your competitive advantage

Comprehensive Process Manufacturing features natively built within Acumatica

| PROCESS MANUFACTURING SUITE FOR ACUMATICA FEATURE | |
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| Formulation | Define formula/recipes in weight/volume % and specific units. |
| Process Bills of Material | Extend Acumatica's Bill of Material for your process manufacturing needs. Create intermediate, finished goods, and assembly BOM. For example, define multiple packing configurations for the finished product made from the same formula |
| Process Order Management | Create and schedule the optimal number of batch jobs required for a product formula and its multiple packaging configurations. |
| Batch Types | Create Mix, fill, and assembly types of batches. Re-work and disassemble the batches. Create batch with sales order and MRP. |
| Batch Sizing | Size batches based upon required amounts, raw ingredient/material, key raw material/ ingredient, weight, volume, and updated quantity to produce. |
| Batch with Runs | Create batches with super batch and MRP. Batch with runs allows users to create batches while considering the equipment/work center capacity, splitting the total quantity into smaller batches to be produced in each batch. |
| Super Batch | Allows users to create and link batch records related to the production of different pack sizes related to the same formula. Create a Super Batch with sales order and MRP |
| Costing and Comparative Analysis | Roll up existing and theoretical product costs, as well as fixed, tiered, and scalable costs, to formulas, intermediates, and finished goods during product development. |
| Traceability | Quickly track and trace suspect materials from receiving through shipping, shipping back to receiving, or anywhere within WIP. |
| Weighing Sheet & Batch Record | Stage and weigh up of materials that are going to be used in the production process with efficiency and accuracy. |
| Compliance Reporting and Labeling | Keep compliant with industry-specific and federal regulations, lot traceability reports, transactional audit reports, and shipping documentation. |
| By-Products and Consumables | Correctly manage by-products and consumables. |
| Quality Management | Integrate end-to-end quality control with the Quality Management Suite for Acumatica solution. |
| Reporting and Analytics | Generate, manage, and distribute comprehensive reports that improve transparency and decision making. Manufacturing and Production Manager |

KEY CAPABILITIES

- Gain more control over batch production of finished goods, including the by-products
- Safeguard formulas or recipes
- Create separate formulas and packaging specifications
- Dynamically adjust ingredients to meet target values of intermediates and finished goods
- Issue inventory to production based on those passed through QC
- Analyze costs and yields
- Manage QC activities and generate industry-specific compliance labeling and reports
- Support for manufacturing instructions and consumables
- Define and track losses at various levels
- Create super batch for multi-level production.
- Facilitates approval workflow and version control
- Mark control points in the manufacturing process

Manufacturing and Production Manager dashboards to analyze the data and metrics.

| Manufacturing Instructions | Define manufacturing instructions with a checklist and input list for the specific production process to ensure the user follows them during production. |
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| Material Substitution and Alternate Material | List substitute materials and replace them as needed in the existing formulas. Define the combination of the materials that can be used as an alternate material in production with a factor of conversion. |
| UOM (Unit of Measurement) | Define the unit of measurements, conversion factor, unit conversions, and toggle UOM. |
| Laboratory | Define and track an unlimited number of physical and chemical properties. Modify or develop a new formula/recipe based on these properties and dynamically adjust them to meet target characteristics. |
| Product Development / R&D (roadmap) | Engage in product testing and development without interfering with current production and document testing notes to ensure consistency and quality. |

About eWorkplace Apps

eWorkplace Apps extends Acumatica to meet your unique manufacturing and distribution needs. Based in Aliso Viejo, CA, eWorkplace Apps is comprised of over 50 Acumatica developers, implementation consultants, and analysts with deep industry expertise to help optimize your business on the Acumatica platform.