



DuoCron ERP for Food & Beverage Industry

Driving innovation and enhancing efficiency to power smooth, end-to-end food & beverage operations.



Introduction

DuoCron ERP, built on ERPNext, is a complete end-to-end solution created specifically for the Food & Beverage industry. It seamlessly connects and streamlines every stage of food production and distribution, from raw material sourcing and recipe formulation to inventory monitoring, quality assurance, and regulatory compliance. The system strengthens traceability, reduces waste, and enhances operational efficiency, ensuring businesses meet industry standards while sustaining profitability.

DuoCron ERP enables food manufacturers with real-time visibility, AI-powered production planning, and intelligent automation, helping them optimize workflows, lower costs, and scale efficiently. With built-in compliance for FDA, HACCP, FSMA, and other food safety standards, it ensures product safety, transparency, and complete supply chain control. Whether handling perishable inventory, streamlining batch production, or maintaining consistent quality at every stage, DuoCron ERP serves as the ideal solution for modern food and beverage businesses.

What Makes DuoCron ERP Sets Apart?

- ✓ ERP is free, pay only for services.
- ✓ Fully optimized, yet easily customizable.
- ✓ Built-in Custom Industry Specific Features
- ✓ Seamlessly integrates with AI and other tools.

**10+ Years of
Experience**

**24*7 Customer
Support**

**Worldwide
Presence**

We Understand Your Challenges

■ Non-compliance leads to heavy fines

Strict norms (FDA, HACCP, FSMA) require real-time tracking of ingredients, allergens, and recalls. Manual records create gaps, leading to penalties, product recalls, and loss of brand trust.

■ Managing Perishable Inventory & Shelf-Life

Short shelf-life products demand precise FIFO/FEFO tracking. Weak inventory control results in spoilage, waste, and financial losses from expired stock.

■ Production Planning & Demand Forecasting

Demand fluctuations and seasonal trends make planning challenging. Without live data, businesses face underproduction or excess inventory and waste.

■ Maintaining Recipe & Batch Consistency

Food manufacturing depends on accurate formulations and ingredient control. Manual handling often causes variations, impacting taste, quality, and shelf stability.

■ Unstable Supply Chain & Sourcing Issues

Seasonal supply, price fluctuations, and vendor delays disturb production timelines. Inefficient purchasing leads to shortages, overstocking, and higher costs.

■ End-to-End Traceability & Recall Readiness

Limited visibility from source to customer increases recall risks. Delayed action on contamination can cause financial loss, legal issues, and customer distrust.

We Understand Your Challenges

■ Cost Control in a Competitive Market

Rising raw material prices, energy costs, and packaging losses impact margins. Without proper cost visibility, pricing decisions weaken, reducing overall profitability.

■ Efficient Distribution & Order Fulfillment

Managing deliveries across multiple channels requires strong coordination. Poor logistics control leads to delays, stockouts, and unsatisfied customers.

Food & Beverages Manufacturing Challenges



Key Features

Recipe & BOM Management



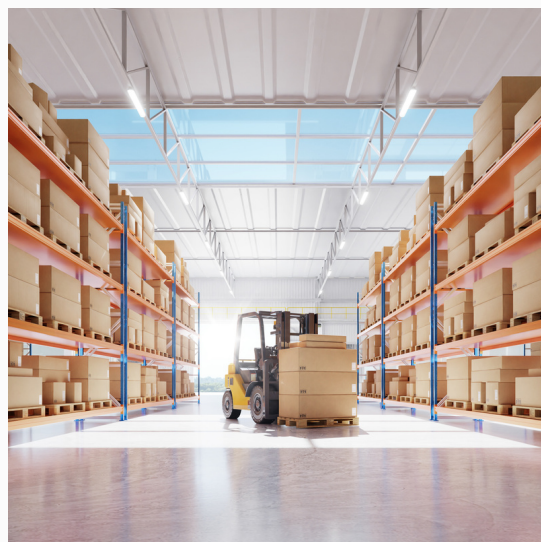
Create and control multi-level recipes and structured BOMs for food formulations. Automate ingredient ratios, batch scaling, and live costing while maintaining full visibility across multi-stage processing.

Batch & Inventory Tracking with Expiry Management



Monitor raw materials and finished goods in real time with automated batch tracking. Track FIFO/FEFO movements and expiry dates, reduce waste with alerts for near-expiry stock, and improve inventory efficiency.

Barcode, RFID & Warehouse Management



Improve traceability using barcode and RFID scanning for batch identification, warehouse movements, and logistics. Track stock across locations, including temperature-controlled storage, ensuring safe handling of perishables.

Quality Control & Food Safety Compliance



Streamline quality checks at every production stage with configurable checkpoints for raw materials and finished goods. Stay compliant with HACCP, FDA, FSMA, and ISO 22000 while preventing dispatch of non-compliant products.

Key Features

Labeling, Packaging & Product Variants Management



Create compliant product labels with batch details, allergens, nutrition facts, barcodes, and expiry dates. Manage multiple SKUs, product variants, and packaging formats within a single system for smoother operations.

Supplier & Procurement Management



Streamline purchasing with multi-vendor sourcing, automated PO creation, and supplier performance tracking. Enable contract-based buying, cost comparisons, and real-time visibility into procurement activities.

Equipment Maintenance & Downtime Prevention



Plan preventive maintenance for processing equipment, monitor real-time performance, and trigger automated service alerts to reduce unexpected breakdowns and avoid production delays.

Production Planning & Work Order Automation



Automate work orders, workforce scheduling, and shop floor activities with real-time tracking and digital job cards. Improve production flow, reduce idle time, and boost overall efficiency.

Key Features

Sales & Order Management Across Multiple Channels



Handle B2B, wholesale, retail, and online sales on a single platform. Automate order processing, invoicing, pricing updates, and track fulfillment seamlessly across all distribution channels.

Demand Forecasting & Cost Management



Leverage AI-driven insights to forecast demand, minimize overproduction, and avoid stockouts. Track ingredient costs, energy usage, and margins with real-time analytics and automated pricing controls.

Sustainability & Waste Reduction



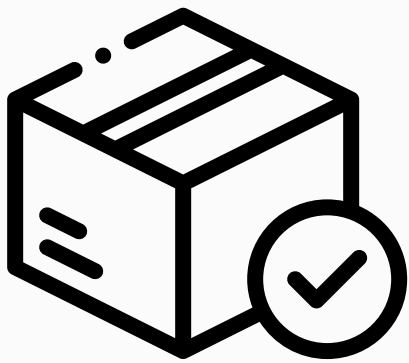
Monitor food waste, drive sustainability initiatives, and optimize raw material usage. Cut packaging waste and stay compliant with environmental standards while reducing operational costs.

Customization, Multi-Language & Self-Service Portal



Configure workflows and reports with no-code flexibility. Support 100+ languages for global teams and offer self-service portals for suppliers and distributors to manage orders and invoices.

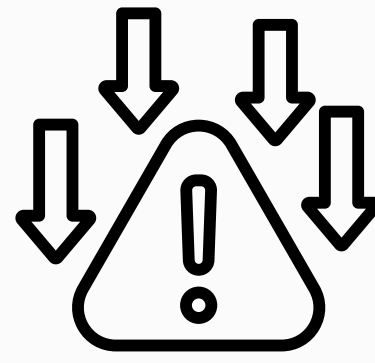
Real Benefits, Real Success



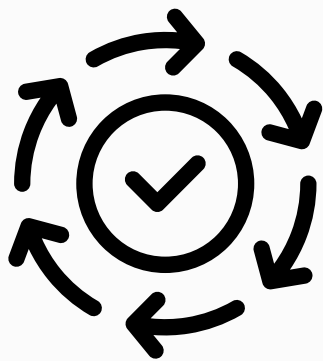
Accelerates market
readiness



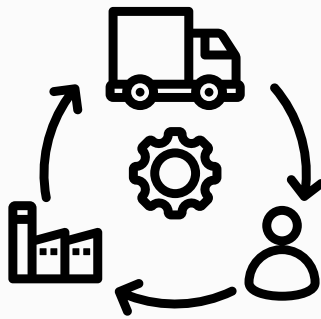
Reduces operational
costs



Mitigates
compliance risks



Boosts product
consistency



Optimizes inventory
turnover



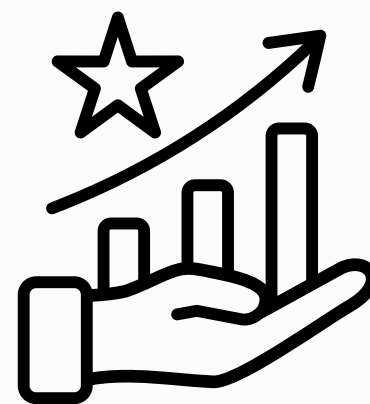
Strengthens supplier
partnerships



Enhances financial
transparency



Expedites order
fulfillment



Protects brand
reputation



Contact Us for more
information about DuoCron
ERP for Food and Beverages
Industry



www.duocron.com



sales@duocron.com

