



DuoCron ERP for Bakery Products Industry

From Dough to Delivery — Gain Complete Control



Introduction

DuoCron ERP is a comprehensive **end-to-end ERP solution designed** specifically for the bakery manufacturing industry. It seamlessly **integrates and optimizes every stage of bakery operations**—from ingredient procurement and recipe (formula) management to batch production, inventory control, quality checks, and distribution.

Whether you're producing **bread, cakes, pastries, cookies, or frozen bakery items**, the system ensures **consistent product quality, controlled batch production, and minimal wastage**. With complete traceability of ingredients and batches, bakeries can maintain strict quality standards while improving operational efficiency and profitability.

DuoCron ERP empowers bakery businesses with real-time insights, **AI-driven production planning**, and automation, helping you **manage daily production schedules**, demand fluctuations, and shelf-life-sensitive inventory with ease. Built to **support food safety standards** like HACCP, FDA and other Food compliance, it ensures full control over hygiene, quality, and regulatory requirements.

From managing multiple outlets or production units to optimizing fresh product dispatch and distribution, DuoCron ERP gives bakery businesses the control and visibility they need to scale efficiently.

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

■ Inconsistent Recipe & Batch Quality

Even small variations in ingredients or manual processes can impact taste, texture, and appearance. Lack of standardization leads to inconsistent products across batches and outlets.

■ High Wastage & Yield Loss

Inefficient production planning, poor demand forecasting, and manual calculations often result in overproduction, underproduction, and raw material losses.

■ Ingredient Price Fluctuations & Procurement Issues

Prices of key ingredients like flour, butter, sugar, and cocoa keep changing. Poor procurement planning leads to cost overruns, stock shortages, or overstocking.

■ Managing Short Shelf-Life & Freshness

Bakery products have extremely limited shelf life. Without real-time tracking, businesses face expired stock, returns, and high wastage, directly impacting margins.

■ Complex Production Planning (Daily & Seasonal)

Demand fluctuates daily and spikes during festivals or weekends. Without proper planning, bakeries struggle with last-minute rush, stockouts, or excess inventory.

■ Lack of End-to-End Traceability & Compliance

Tracking ingredients from purchase to finished goods is difficult manually. In case of quality issues, recalls become slow and risky, affecting brand trust and compliance.

Key Features

Recipe & Formula Management with Yield Control



Manage detailed recipes for bread, cakes, pastries, and cookies with precise ingredient ratios, batch scaling, and yield tracking to ensure consistent taste, texture, and profitability.

Production Planning for Daily & Bulk Baking



Plan production based on daily demand, outlet orders, and seasonal spikes. Optimize oven capacity, baking schedules, and avoid last-minute rush or overproduction.

Batch Production & Real-Time Inventory Tracking



Track raw materials and finished goods with batch-wise control, real-time stock visibility, and automated inventory updates to ensure smooth production flow.

Shelf-Life, Expiry & Freshness Management



Monitor product freshness with expiry tracking, FEFO/FIFO methods, and auto alerts to reduce spoilage, returns, and wastage of perishable bakery items.

Key Features

Procurement & Ingredient Cost Management



Streamline procurement of key ingredients like flour, sugar, butter, yeast, and chocolate. Manage vendor pricing, seasonal fluctuations, and optimize purchase planning.

Quality Control & Food Safety Compliance



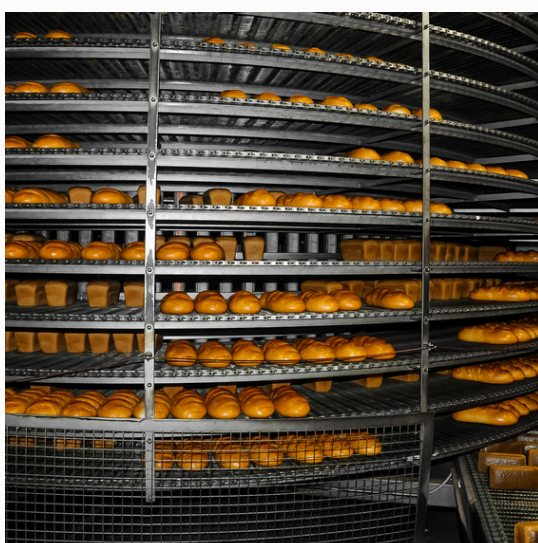
Ensure quality at every stage—from raw material inspection to in-process checks and final product approval. Maintain compliance with HACCP, and food safety standards.

Multi-Outlet / Distribution & Dispatch Management



Manage distribution across retail outlets, franchises, and distributors. Plan dispatches for fresh products with route optimization and timely delivery tracking.

Complete Traceability & Recall Management



Achieve end-to-end traceability—from ingredient sourcing to finished bakery products—ensuring quick recall readiness, quality control, and regulatory compliance.

Key Features

HR & Workforce Management



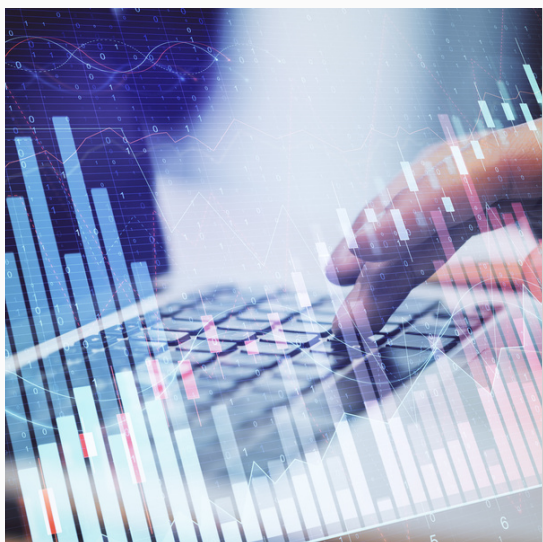
Manage bakery staff across production units, outlets, and shifts. Track attendance, overtime, seasonal workforce, and automate payroll for daily wage and skilled labor.

Sales, POS & Order Management



Handle orders from retail counters, bulk customers, online channels, and distributors in one place. Integrate with POS systems to manage real-time sales, billing, and demand visibility.

Financial Accounting & Cost Control



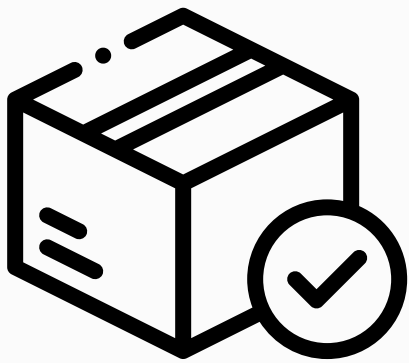
Get complete control over costing, margins, and profitability with integrated accounting. Track ingredient costs, production costs, wastage impact, and generate real-time financial reports.

Maintenance & Asset Management



Track and maintain critical bakery equipment like ovens, mixers, chillers, and proofers. Schedule preventive maintenance to avoid breakdowns and ensure uninterrupted production.

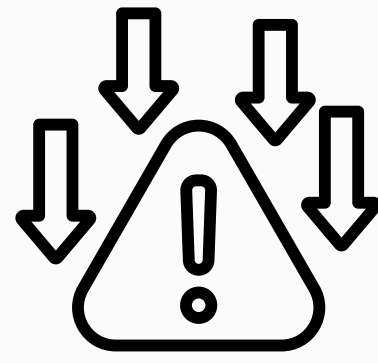
Real Benefits, Real Success



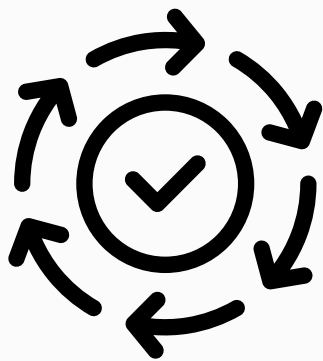
Accelerates market
readiness



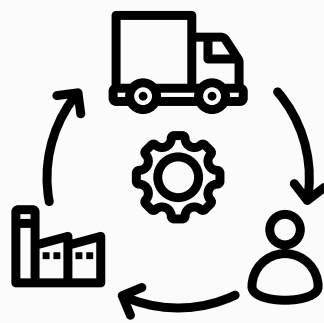
Reduces operational
costs



Mitigates
compliance risks



Boosts product
consistency



Optimizes inventory
turnover



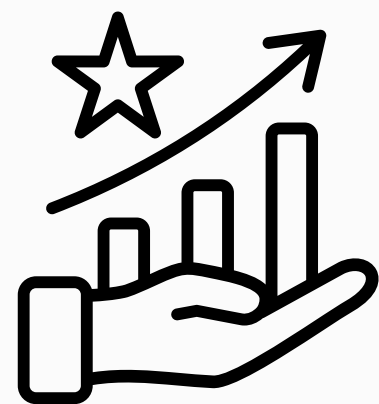
Strengthens supplier
partnerships



Enhances financial
transparency



Expedites order
fulfillment



Protects brand
reputation



**Contact Us for more
information about DuoCron
ERP for Bakery Industry**



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