Dexciss ERP for
Chemicals Manufacturing

Safe. Scalable. Compliant. – The Smarter ERP for
Smarter Chemical Operations!

Introduction

Dexciss ERP, built on ERPNext, is a comprehensive ERP solution tailored for the chemical industry—covering everything from complex formula management, hazardous material handling, regulatory compliance, to quality assurance.

Chemical manufacturing is a highly regulated and precision-driven industry. From managing complex formulas and hazardous substances to maintaining strict compliance with OSHA, GHS, and REACH—every process must be traceable, safe, and efficient.

Dexciss Chemical ERP software is an AI-enabled, cloud-based solution designed to bring transparency, control, and compliance to chemical operations. It supports everything from formula management, batch production, and quality control to MSDS generation, lab testing, and multi-level safety workflows. Consequently, this chemical manufacturing software helps chemical manufacturers stay compliant and competitive in a complex market.

What Makes Dexciss 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

▌Formula and Batch Management Complexity

Managing versions, concentrations, solvent ratios, and scaling formulas while ensuring consistency is a constant challenge.

▌Hazardous Material Handling and Compliance

Working with dangerous goods requires full traceability, SOP enforcement, and strict regulatory documentation.

▌GHS, OSHA, and REACH Documentation

Generating and maintaining globally compliant labels, MSDS/SDS, and transport documentation is time-consuming and error-prone.

▌Quality Control Across Stages

Ensuring input testing, in-process checks, and final QA while maintaining complete logs can slow down operations.

▌Inventory with Batch, UoM, and Expiry Management

Chemicals must be tracked by lot, expiry date, packaging type, and UoM—across plants and warehouses.

▌Production Planning and Plant Maintenance

Misaligned batch scheduling and unplanned downtimes can lead to overages, losses, or safety risks.

We Understand Your Challenges

▌ Environmental & Safety Audit Readiness

Regulatory audits require centralized, secure, and timestamped records across processes and plants.

▌ Costing Inaccuracy & Margin Visibility

Inaccurate costing leads to mispriced products and shrinking margins. Without precise cost tracking per batch, it's hard to make profitable decisions.
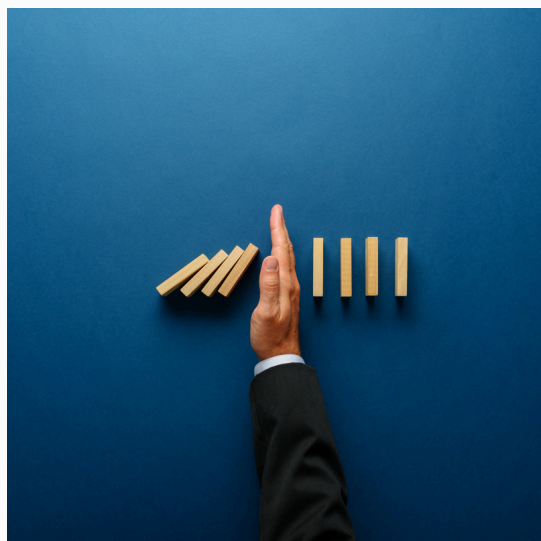
Key Features

Advanced Formula and Batch Management

Define and manage multi-level formulas with ingredient scaling, version control, by-product tracking, and solvent loss adjustment. Automate batch creation, link it with QC checks, and ensure consistency even across varying plant conditions.

Safety Workflows & SOP Enforcement

Set up hazard class-based workflows with mandatory SOP acknowledgments. Enforce safety protocols at every handling stage—from raw material intake to final dispatch—ensuring compliance and minimizing human error.

Manage Inventory with Batch, UoM & Expiry Control

Manage chemicals by UoM (kg, L, drums), batch number, packaging type, and shelf life. Track warehouse location, bin-wise availability, and enable FEFO dispatch to minimize wastage and compliance issues.

Integrated Quality Control (Pre, In-process, Post)

Automate QC checkpoints for incoming materials, intermediate stages, and final product batches. Record lab test results like pH, viscosity, and chemical composition, and block non-compliant batches from progressing.
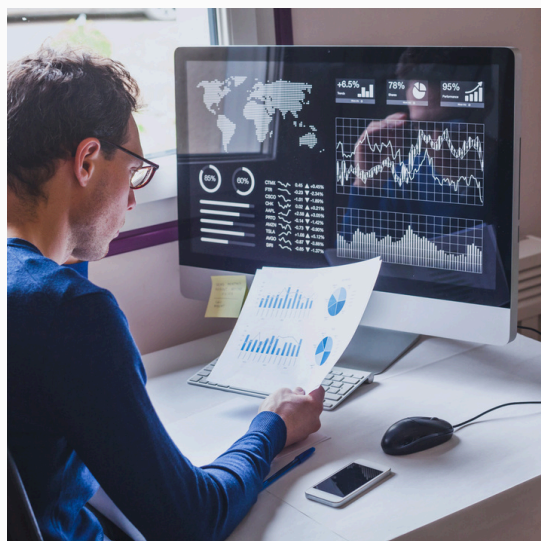
Key Features

Environmental Compliance Reporting

Capture waste output, emissions, and disposal logs. Generate reports aligned with local environmental laws, GHS labeling standards, and REACH guidelines to remain audit-ready and eco-compliant.

Regulatory Documentation Automation

Auto-generate and manage Material Safety Data Sheets (MSDS), labels with GHS pictograms, transport documentation, and batch history logs—ensuring smooth domestic and international compliance.

Preventive Maintenance & Equipment Management

Schedule maintenance of critical equipment like reactors, distillation units, and scrubbers. Log service history, calibrations, and breakdowns to prevent downtime and ensure safety compliance.
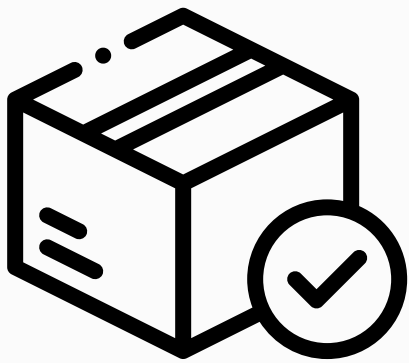
Costing & Profitability Tracking per Batch

Track cost per production batch by factoring in raw material rates, energy consumption, labor, packaging, and overheads. Compare actual vs standard cost to detect leakages and optimize profit margins.
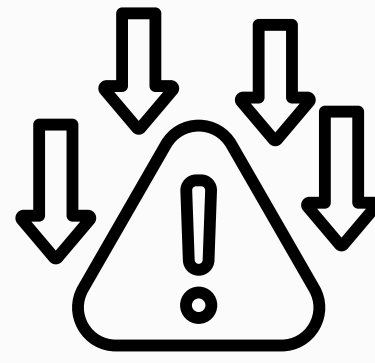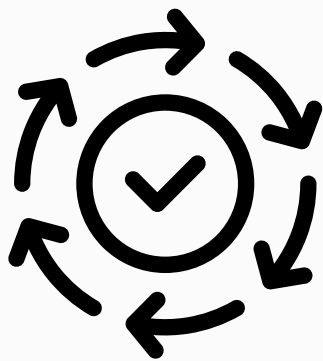
Real Benefits, Real Success
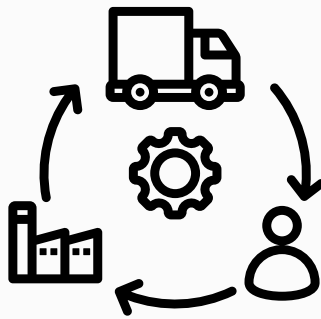
Accelerates market readiness

Reduces operational costs

Mitigates compliance risks

Boosts product consistency
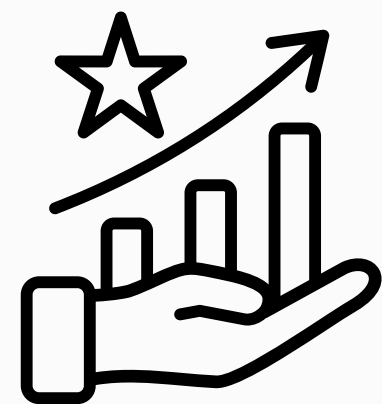
Optimizes inventory turnover

Strengthens supplier partnerships

Enhances financial transparency

Expedites sales cycles

Protects brand reputation

Contact Us for more information about Dexciss ERP for Chemicals Industry

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