



THE 2025 TOP 10

Food & Beverage ERP Systems Report

PANORAMA
CONSULTING GROUP

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The Top 10 Food & Beverage ERP Systems

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Introduction

Labor shortages, supply chain volatility, and rising customer expectations are forcing food and beverage companies to implement innovative solutions to stay competitive.

AI-enabled demand planning and real-time traceability are emerging as critical tools for managing perishable inventory and maintaining service levels across channels. Food and beverage companies are increasingly using AI-powered ERP software to navigate operational complexity and accelerate decision-making across the supply chain.

The 2025 Top 10 Food & Beverage ERP Systems Report highlights the leading ERP solutions that are shaping the future of F&B manufacturing, production, distribution, retail, and more.





The Top 10 Food & Beverage ERP Systems



Infor CloudSuite Food & Beverage has a cloud-native ERP solution at its core, designed to meet the specific challenges and regulations faced by the wide range of food and beverage sub-industries, such as dairy, protein, food ingredients, confectionary, animal feed, and more. It comes with pre-configured business processes and industry-specific AI.

Quick Facts

Headquarters:
New York, NY

Ownership:
Private

Founded:
2002

- ▶ Offers end-to-end ERP functionality (including supply chain, manufacturing, and enterprise asset management), financials and accounting, as well as customer, sales, and service management.
- ▶ Includes variable raw material management (fat, grade, size, etc.) at lot level in planning, operations, and cost accounting.
- ▶ Supports responsive fulfilment and deliveries by balancing material supply and production scheduling.
- ▶ Delivers end-to-end, bi-directional, track and trace capability to support regulatory compliance and food safety, as well as faster recalls.
- ▶ Enables the execution of complex price models in sales order processing, invoicing, and accounting.
- ▶ Provides a flexible enterprise structure to address local business habits and regulatory requirements with multi country, language, company entity, and site configuration.



Microsoft Dynamics 365 is a modular, cloud-based ERP and CRM platform that supports food and beverage companies across manufacturing, distribution, and retail. Mid and large-sized organizations can tailor capabilities to their operational model—whether vertically integrated, multi-brand, or omnichannel.

- ▶ Provides end-to-end ERP functionality through Dynamics 365 Finance and Supply Chain Management, enabling companies to manage procurement, production, distribution, and financials in a unified platform.
- ▶ Supports multi-entity, multi-country operations with configurable workflows, multilingual capabilities, and built-in compliance features to meet global regulatory requirements.
- ▶ Leverages embedded Microsoft AI and Copilot functionality to automate routine processes, enhance forecasting, and surface insights across finance, operations, and inventory management.
- ▶ Offers demand forecasting and planning tools that use AI and machine learning to adjust inventory and production in response to sales trends, external signals, and seasonal variability.
- ▶ Features native integration with Microsoft Power Platform tools (Power Apps, Power Automate) for building custom workflows and extending ERP functionality.

Quick Facts

Headquarters:
Redmond, WA

Ownership:
Public

Founded:
1975

The Oracle logo is displayed in a bold, red, sans-serif font. It is positioned on the left side of the page, below a blue horizontal bar that spans the width of the document. The background of the page features a blue and white abstract pattern of lines and dots, resembling a network or data flow.

Quick Facts

Headquarters:
Redwood City, CA

Ownership:
Public

Founded:
1977

Oracle Fusion Cloud ERP supports large food and beverage manufacturers, distributors, and global brands. Built on Oracle's cloud infrastructure, it combines financials, supply chain, manufacturing, and planning capabilities with embedded AI and machine learning.

- ▶ Provides end-to-end ERP functionality through Oracle Fusion Cloud applications—including financial management, procurement, production, inventory, quality, and enterprise performance management (EPM).
- ▶ Supports demand-driven planning with AI-powered forecasting, supply chain modeling, and scenario analysis.
- ▶ Delivers embedded analytics and advanced KPI dashboards that consolidate operational, financial, and compliance data for real-time decision-making.
- ▶ Supports lot-level traceability, automated quality checks, and regulatory compliance for FDA, FSMA, and global food safety standards.
- ▶ Integrates natively with Oracle Cloud SCM and Oracle Cloud EPM, allowing for unified visibility across supply chain planning, logistics, and financial modeling.



Quick Facts

Headquarters:
Waldorf, Germany

Ownership:
Public

Founded:
1972

SAP S/4HANA is a modular, enterprise-grade ERP solution that supports global food and beverage manufacturers and distributors. Built on the SAP Business Technology Platform, it is designed for complex supply chains and compliance-heavy production.

- ▶ Offers end-to-end ERP capabilities including supply chain, manufacturing, procurement, quality, finance, and sales—available in both public and private cloud deployment models.
- ▶ Supports integrated product lifecycle and recipe management, enabling food and beverage companies to manage formulation, labeling, allergens, and regulatory documentation within a unified platform.
- ▶ Provides embedded AI and machine learning for demand forecasting, predictive quality, supplier risk scoring, and intelligent automation of procurement and production processes.
- ▶ Delivers full traceability and batch-level tracking with real-time data capture across inventory, production, and distribution, helping ensure compliance with FDA, FSMA, GFSI, and other global standards.
- ▶ Includes advanced planning and scheduling (APS) tools to balance supply and demand while factoring in constraints like shelf life, lead times, and storage requirements.
- ▶ Integrates with SAP Digital Manufacturing and SAP Integrated Business Planning to unify real-time shop floor operations with long-range planning and scenario modeling.



Quick Facts

Headquarters:
Westlake, TX

Ownership:
Private

Founded:
1999

Deacom, an ECI Software Solutions company, provides a comprehensive ERP solution that supports the unique needs of the food and beverage industry.

- ▶ Features AI-driven automation and forecasting tools that help reduce manual workloads and improve accuracy in planning and production.
- ▶ Includes real-time lot tracking and traceability, allowing manufacturers to monitor ingredients throughout the production process.
- ▶ Includes built-in compliance management tools that automatically generate and manage regulatory documentation, such as Certificates of Analysis (COAs), Safety Data Sheets (SDSs), GHS-compliant labels, and nutrition panels.
- ▶ Allows dynamic formulation management, enabling on-the-fly recipe adjustments based on raw material availability, cost, or yield—while maintaining full label compliance, traceability, and product integrity.
- ▶ Includes material requirements planning (MRP) that intelligently balances supply and demand by automatically generating purchase orders and job orders based on real-time inventory, forecasts, and customer demand.
- ▶ Includes native warehouse management capabilities that support mobile scanning and license plating to track inventory across multiple facilities and enforce FIFO/FEFO rules.

EPICOR

Quick Facts

Headquarters:
Austin, TX

Ownership:
Private

Founded:
1972

Epicor Kinetic is a purpose-built ERP solution designed for mid-sized manufacturers and distributors. It supports batch production, compliance, inventory control, and demand variability, making it well-suited for companies across bakery, beverage, dairy, meat, and prepared foods.

- ▶ Delivers industry-specific functionality for food safety, allergen tracking, expiration management, and real-time lot traceability to support FSMA and global regulatory requirements.
- ▶ Leverages Epicor Automation Studio and embedded AI capabilities to support exception handling, intelligent alerts, and low-code workflow automation across finance, production, and planning.
- ▶ Includes recipe and formula management tools that support precise control over yields, substitutions, and nutritional content, with integrated labeling and compliance documentation.
- ▶ Supports process manufacturing workflows with backward and forward lot tracing, quality hold logic, and automated quarantine release based on inspection results.
- ▶ Enables demand-driven production planning with embedded forecasting, MRP, and scheduling tools that balance capacity, inventory levels, and customer service goals.
- ▶ Provides real-time shop floor integration via MES, barcode scanning, and mobile access to support paperless production and accurate data capture.



IFS Cloud is an industry-focused solution tailored for large and mid-sized organizations. The food and beverage sectors it serves include fresh produce, chilled, ambient, frozen, and beverages.

Quick Facts

Headquarters:
Linköping, Sweden

Ownership:
Private

Founded:
1983

- ▶ Offers composability, allowing organizations to take advantage of integrated capabilities on IFS Cloud, including maintenance, sustainability, customer relationship management, and more.
- ▶ Features AI-powered finite scheduling functionality that helps companies align production with demand.
- ▶ Includes enterprise asset management (EAM) capabilities with embedded AI that transforms real-time equipment data into actionable insights.
- ▶ Embeds IFS.ai copilot across the IFS platform, which includes capabilities for automating content generation, recommendations, anomaly detection, optimization, forecasting & simulation, and contextual knowledge.
- ▶ Enables sustainable sourcing with supplier evaluation functionality that allows companies to rate suppliers based on KPIs, while defining the weight of each KPI.

ORACLE NETSUITE

NetSuite's ERP solution for the food and beverage industry is a cloud-based platform designed to support the industry's specific operational needs, including regulatory compliance, inventory oversight, traceability, production planning, and fluctuating demand.

- ▶ Enables manufacturers, distributors, importers/exporters, and specialty producers to manage full product traceability, expiration tracking, and lot traceability to meet FDA and FSMA standards.
- ▶ Supports recipe and batch production through advanced manufacturing features, along with bill of materials, scheduling, and inventory oversight.
- ▶ Offers integrated financials, tax compliance, and multi-entity support alongside order management across wholesale, retail, eCommerce, and direct-to-consumer channels.
- ▶ Delivers unified, real-time visibility and control across B2B, B2C, eCommerce, and retail channels, empowering fulfillment and decision-making from any device.
- ▶ Supports advanced warehouse management with real-time metrics, barcode scanning, and mobile access.
- ▶ Provides a flexible cloud platform that supports accessibility on any device and scales with businesses as they expand, from early-stage producers to global enterprises.

Quick Facts

Headquarters:
Austin, TX

Ownership:
Public

Founded:
1998



Quick Facts

Headquarters:
Alpharetta, GA

Ownership:
Private

Founded:
2012

Aptean Food & Beverage ERP is a purpose-built solution designed specifically for food and beverage manufacturers and distributors. Tailored for mid-sized and growing companies, it supports sector-specific needs, including perishability, traceability, and more.

- ▶ Delivers industry-specific functionality for verticals such as bakery, dairy, meat and seafood, fresh produce, prepared meals, and beverage processing.
- ▶ Supports integrated quality control workflows with automated testing, hold-and-release logic, and non-conformance management.
- ▶ Enables dynamic recipe and formula management with real-time adjustment capabilities based on yield, seasonality, and raw material availability.
- ▶ Offers advanced inventory management features including FEFO/FIFO enforcement, expiration tracking, and multi-site visibility.
- ▶ Provides native compliance support for global standards such as FDA, USDA, FSMA, and GFSI, including automated documentation and labeling tools.



Quick Facts:

Headquarters:
Tel Aviv, Israel

Ownership:
Private

Founded:
1986

Priority ERP is a cloud-native platform designed to optimize the full manufacturing lifecycle within a unified environment powered by AWS. Priority supports both discrete and process manufacturing, particularly in compliance-intensive sectors like food and beverage.

- ▶ Includes manufacturing functionality such as batch production & formula-based BOMs, lot and expiry tracking (FSMA, HACCP readiness), and advanced planning (MRP).
- ▶ Features a native WMS with configurable optimization of receiving/picking/put-away, and replenishment processes.
- ▶ Includes mobile Advanced Delivery Planning (ADP) and Proof of Delivery (POD) apps that enable digital signatures and photo capture, task management and route optimization, and offline functionality with automatic sync.
- ▶ Delivers embedded AI tools for natural language queries, predictive demand, automated alerts, and personalized workspace recommendations.



Navigating AI-Driven Demand Planning in the Food & Beverage Industry

Whether you're producing perishable goods, managing multi-temp distribution, or aligning shelf availability with regional promotions, you know that demand is no longer predictable. Advancements in machine learning and cloud-native data infrastructure are enabling food and beverage companies to better anticipate demand shifts, more precisely adjust inventory levels, and effectively respond to market volatility.

Where legacy systems relied on historical data and static forecasts, AI-powered ERP systems can detect emerging consumption trends, adjust projections in response to real-time data, and automatically align procurement, production, and replenishment across channels.

Here are some best practices for evaluating AI-powered demand forecasting and inventory optimization tools in ERP and supply chain systems:

1. Look for real-time recalibration capacity.

AI demand planning should not operate on a static monthly cadence. Leading systems ingest live data from stores, warehouses, and suppliers to refresh forecasts daily or even hourly. This is especially important for businesses managing short shelf-life items or seasonal menu shifts.

2. Pressure-test SKU-level precision.

Food and beverage portfolios often include products with short shelf lives, highly elastic demand, and strict allergen traceability. Companies need to know how much of a specific product is needed at a specific warehouse or store, not just general demand across a region. We recommend looking for systems that forecast demand by product and location, while considering expiration dates, delivery times, and storage needs.

3. Evaluate channel-aware planning capabilities.

Many F&B companies serve multiple customer types—distributors, grocers, QSRs, and DTC buyers. Look for systems that segment forecasts by channel and reconcile them with a unified supply plan. This ensures alignment across high-volume wholesale orders and more volatile direct sales.

4. Simulate stress scenarios, not averages.

Run mock scenarios for rapid channel shifts (e.g., foodservice drop-offs, eCommerce spikes) to assess how the system rebalances inventory targets and production plans. Avoid vendors that showcase accuracy only under stable assumptions.

5. Evaluate the integration layer, not just the analytics.

AI insights are only valuable if they drive execution. Ensure the system pushes real-time adjustments to ordering, production, menu planning, and shelf replenishment. AI that stops at a dashboard won't close the loop between insight and execution.

6. Prioritize user transparency and trust.

Whether it's a demand planner, a category manager, or a store-level operator, your team needs to understand why the system is making a particular recommendation. We recommend looking for tools with explainable AI—clear rationales for system-driven decisions.

7. Engage an independent ERP consultant early in the selection process.

Before shortlisting vendors, it's critical to clarify what AI-powered demand planning should look like for your specific business. An independent consultant—one with no financial ties to software providers—can help define requirements, challenge vendor claims, and ensure the selection process focuses on your specific supply chain needs.



Conclusion

Modern ERP systems are enabling food and beverage companies to predict demand with greater accuracy and coordinate supply chains with less waste and delay.

However, a comprehensive selection process is crucial, especially when it comes to AI functionality. Whether you're considering AI-driven demand planning or advanced traceability and compliance monitoring, it's important to test systems against the real-world conditions that define your operations.

Panorama's ERP consultants can help you stay ahead in this dynamic environment. We have decades of experience helping food and beverage leaders select and implement ERP systems that align with strategic priorities, scale with operational growth, and deliver measurable ROI.

Click the Button Below to Schedule Your **Free Consultation**
With an ERP Systems Expert Today!

FREE CONSULTATION

About Panorama Consulting Group

Panorama Consulting Group is an independent, niche consulting firm specializing in business transformation and ERP system implementations for mid- to large-sized private- and public-sector organizations worldwide. One-hundred percent technology agnostic and independent of vendor affiliation, Panorama offers a phased, top-down strategic alignment approach and a bottom-up tactical approach, enabling each client to achieve its unique business transformation objectives by transforming its people, processes and technology.

Panorama's Services

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