



E-book

Sage X3 for food and beverage

Built for your
manufacturing needs.

Sage

Table of Contents

Page 3

Sage X3 for food and beverage

Page 4

Streamline compliance to grow faster

Page 5

Forecast supply and demand to grow forward

Page 6

Achieve greater product and process consistency through formula and recipe management

Page 7

Ensure quality management at all stages

Page 8

Improve efficiencies throughout the planning and scheduling process to better assess demand

Page 9

Maximise inventory usage as well as reduce spoilage and expiration

Page 10

Proactively monitor your supply chain using lot tracking and traceability

Page 11

Continuous command of your production process

Page 12

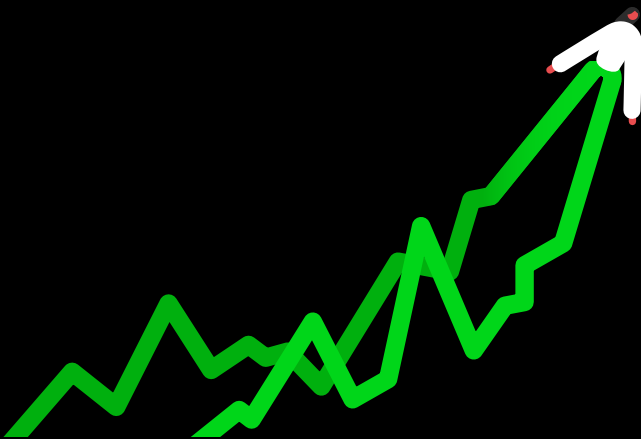
Key features that drive the success in this environment

Page 14

Sage X3 is the natural choice to deliver a prescribed food and beverage solution

Page 15

About Sage X3



Sage X3 for food and beverage

As a food and beverage processor or distributor, your company must effectively tackle the challenge of managing industry-specific requirements and legal mandates imposed on your business.

Not only must you efficiently fill customer orders, manage recipes, control inventory and plan production in an increasingly competitive environment, but you must also deal with the multitude of complexities resulting from increasing government regulations.

Additionally, economic conditions have fuelled rising costs that are difficult to pass on to consumers. To be successful, you must be exceptionally focussed on operational excellence. You can't afford any production errors, waste, spoilage, recalls, safety issues or other events that will adversely affect your business.

Fine-tuned to meet your specific industry requirements, Sage X3 provides the advanced functionality you need to remain competitive in the face of these difficult challenges. Sage X3 was formerly known as Enterprise Management.



Streamline compliance to grow faster



For food and beverage companies, Sage X3 provides vital information for making important business decisions and supplies it quickly.

The software's robust core functionality enables companies to easily streamline compliance and eliminate inefficiency, providing a significant advantage over legacy systems and other less powerful ERPs.

Food and beverage companies face more regulatory pressure every day. Sage X3 will help you comply quickly so you can focus on growing your company. Thorough compliance helps you assure your customers of your commitment to excellence. Sage X3 can help there too, making you more transparent and more responsive to customer questions. Its strong traceability tools allow better handling of recalls, expiration management, sustainability, allergen-free production, labelling and other major trending concerns. As your business grows and requirements change, Sage X3 adapts to help you meet new requirements without increasing overhead.

Forecast supply and demand to grow forward

Food companies deal with some of the most volatile supply and demand scenarios in business.

Bad weather strikes, crops fail, a new food trend pops up and all of a sudden you have far too little product—or far too much. Although some element of the unpredictable will always remain, good business intelligence can help you predict seasonal changes in supply and demand so you can stock up or sell out accordingly. Sage X3 provides that intelligence in a customisable, easy-to-use interface.

Most food and beverage companies struggle to anticipate demand, leading to wasted stock or lost sales from understocking. With the powerful business intelligence tools in Sage X3, you can quickly draw on historic data to produce accurate forecasts—saving you money.

Designed for the food and beverage industry, Sage X3 has inbuilt industry-specific capabilities such as recipe management, quality control, regulatory compliance and lot tracking.



Achieve greater product and process consistency through formula and recipe management



Predict and optimise the yields of multiple outputs of a production job by comparing planned inputs to planned outputs and plugging these values into a recipe or formula specification prior to initiating a production job.

- Supports single and multi-level Bill of Material (BOM) to manage recipes and routings during production.
- Yield calculation and tracking (+/-) throughout production.
- Manages by-products of the production process, maintaining raw material potency and other key product attributes.
- Multiple units of measure conversion capabilities.

Ensure quality management at all stages



“The real-time nature of Sage means we always have accurate data available to our customer service, accounting and manufacturing departments.”

Anne Robinson
IT Director, Alloy Polymers

Track and maintain quality specifications and test results for raw materials, intermediates and finished goods at various stages in their life cycle.

- Conduct inspections throughout packaging and production, then automatically quarantine suspicious or substandard items for further inspection or disposal.
- QC testing and analysis covers raw materials, intermediates and finished goods.
- All test results are recorded and maintained together with production history.

Improve efficiencies throughout the planning and scheduling process to better assess demand



Compare loads on work centres imposed by existing and proposed work orders and manage the load capacity of each work centre, improving customer service and inventory levels.

- Analyse POs and scheduled and in-progress batches to assess demand against available inventory.
- Support for both finite and infinite capacity requirements planning.
- Drag-and-drop scheduling for manual viewing, simulation and update of outstanding work orders and routing operations.
- Forward and backward scheduling.

Maximise inventory usage as well as reduce spoilage and expiration

Eliminate inefficiencies and streamline your inventory levels with end-to-end integration of your warehouse management as well as reduce inventory write-offs with expiration date, use-by-date, or re-control date management.

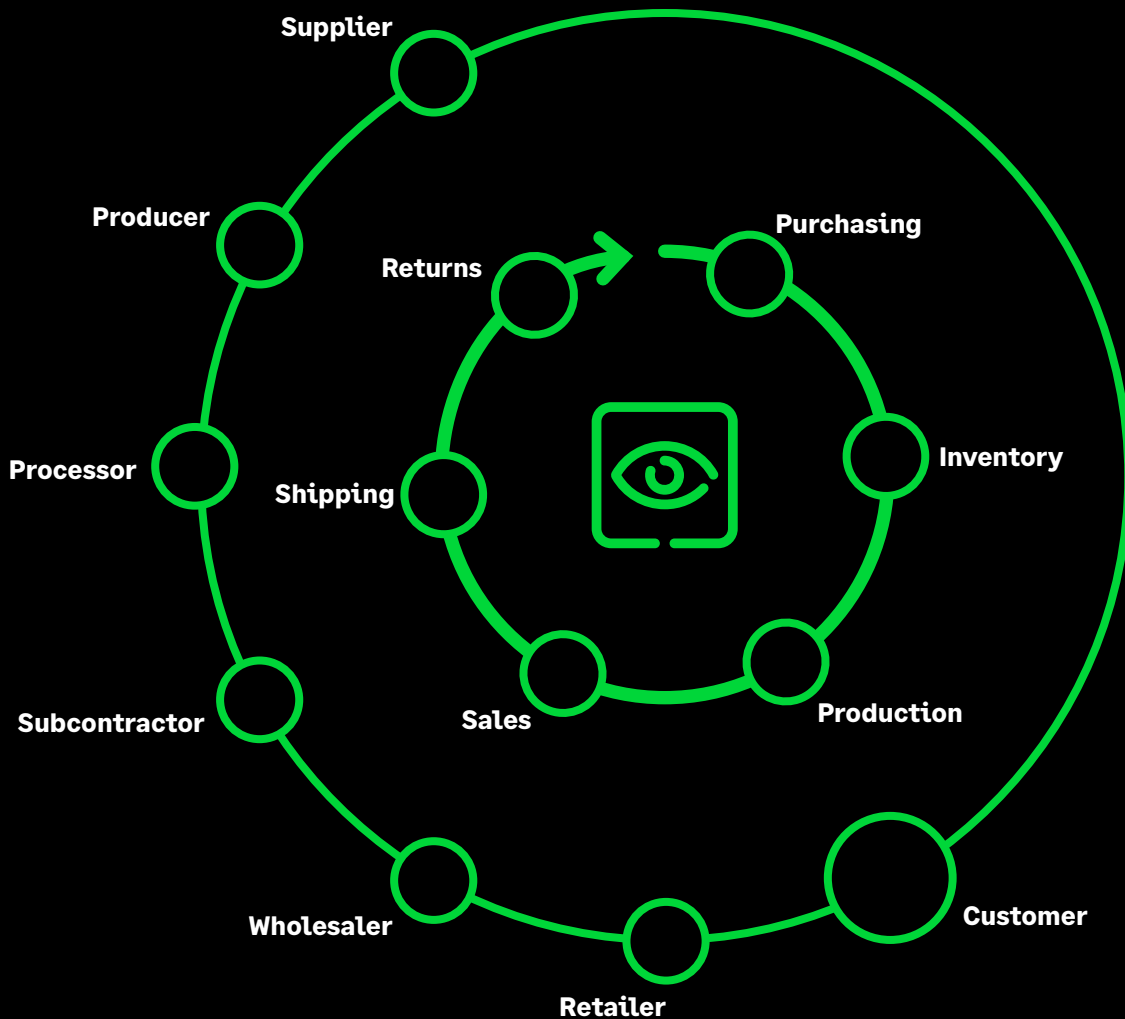
- Shelf life management with expiration date control and use-by date to fulfil orders based on unique customer needs.
- Extensive warehouse management capabilities with RF support and barcode printing.
- Supports directed operations such as directed put-away and pick planning and scheduling.



Proactively monitor your supply chain using lot tracking and traceability

Improve food safety with robust traceability and allergen tracking to ensure that you know the sources of your ingredients and what pressures might be affecting your suppliers during fluctuations in the food supply.

- Forward and backward traceability across the supply chain.
- Track each ingredient and end-item by plant, batch or supplier, lots and sub-lots, along with automated recall capabilities.
- Equipped to manage any recall situation rapidly in minutes—not hours or days.



Continuous command of your production process



Based on the availability of your ingredients or resources, plan your production run and instantaneously rescale up or down to reflect constraints as well as maintain composition of each batch.

- Schedule production runs on user defined criteria: by hourly, shift or any other period of time that fits the production cycle.
- Standard ingredient quantities are back-flushed or recorded as complete.
- Update work orders during production—required changes are reported as they occur.
- Effectively maintain composition of each batch for repeat orders from same customers.

Key features that drive the success in this environment

Sage X3's allergens function allows tracking of manufactured products whose components have been identified with one of the food allergens.

Manufacturing management

- Process and mixed-mode manufacturing.
- Recipe and batch management.
- Allergen tracking and Quality assurance.
- Weighing scales.
- Catch weight management.
- Work schedule management.
- MPS/MRP.
- Technical data configuration.
- Production cost accounting.
- Product packaging.
- Capacity planning.

Inventory management

- Multi-level warehousing: location, lot and sub lot.
- Forward and backward lot traceability.
- Multiple units of measure.
- Shelf life management with expiration date control including use-by date management.
- Movements and transactions.
- RF data acquisition.
- Quality control and sampling.
- Inventory costing.
- Replenishment, inter-site transfers.
- Mobile apps.

Purchasing

- Purchase requisitions.
- Encumbrance accounting.
- Requests for proposals.
- Purchase orders.
- Multi-level approval processing.
- Sub-contracting.
- Invoice tracking.
- Pricing and contract management.
- Supplier returns.
- Mobile apps.



Financial management

- General ledger.
- Budgeting.
- Expense management.
- Fixed asset management.
- Cost and analytical accounting.
- Accounts receivable, accounts payable.
- Mobile apps.

Sales management

- Pricing and discounts.
- Quotes, contracts and open orders.
- Order preparation, delivery, packing and shipping.
- Product configuration, options and variants.
- Inventory enquiries and allocations.
- Delivery scheduling and shipping.
- Invoicing and reminders.
- Customer returns.
- Sales commissions.
- Inter-company/inter-site sales.
- Bill of lading and export declaration.
- Mobile apps.

Customer service

- Contact management.
- Sales force automation.
- Marketing campaigns.
- Customer support.

Sage X3 capabilities for food and beverage

Sage X3 delivers a specialised food and beverage solution using pre-defined business rules and processes, together with a superior user experience that leads the market.

Built to manage both front and back office operations, the solution runs entirely in the browser and across any device.

Sage X3 streamlines tracking and puts all your information in an easy-to-use interface that's accessible to everyone in your organisation.

Lot tracking and traceability	Batch production	Quality management	Formula and recipe management
Regulatory compliance and reporting	Planning and scheduling	Inventory management	Single and multi-site management
Role-based workspace	Workflow automation and alerts	Reporting and business analytics	Mobility tool-kit

Sage X3 is the natural choice to deliver a prescribed food and beverage solution

Whether you are upgrading your existing ERP application or planning to install your first packaged system, your success will be highly dependent on identifying business management solutions that have a strong food processing industry foundation and can support your unique requirements with minimal customisation.

Sage provides an innovative core of crucial business intelligence and management functions for the food and beverage industry, supporting greater transparency and food safety.

In addition, Sage X3 provides a solution for growth with software designed to support your operations for years to come. It is completely up-to-date with the latest technological standards, ensuring its readiness to adapt to changing regulations and business pressures. As your business grows, Sage X3 grows with you, giving you confidence to meet future regulatory and operational challenges with ease.



About Sage X3

Sage X3 is the solution of choice to grow and keep a lean, agile organisation. Companies looking to take back control of operations and scale with minimal overhead costs can benefit from enterprise-class functionality of Sage X3 to manage the entire business faster than ever before, from manufacturing to distribution operations and financials, locally and internationally.

It's time to adopt a faster, simpler, more flexible business management solution.

For more information, visit

sage-x3/industry/food-and-beverages/sage.com/en-gb/sage-business-cloud/



About Sage

Sage energises the success of businesses and their communities around the world through the use of smart technology and the imagination of our people. Sage has reimagined business and brings energy, experience and technology to inspire our customers to fulfil their dreams.

We work with a thriving community of entrepreneurs, business owners, tradespeople, accountants, partners and developers who drive the global economy. Sage is a FTSE 100 company with 14,000 employees in 24 countries.

A Sage partner



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From Manufacturing, Wholesale Distribution, and Financial firms to Nonprofits, IWI Consulting has you covered with advanced automation, agile ERP management, and business solution implementation to streamline operations with proven industry best prac



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