



# How Infor helps food ingredient manufacturers manage their formulas and label demands

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## Manage and deliver customer orders on time, all the time

Infor® Food & Beverage helps food ingredient manufacturers like you execute and control complex manufacturing processes, manage a global supply chain, develop new product formulations, and capture product data—all while meeting the highly specific needs of your food manufacturing customers.

## Execute and complete complex processes

To efficiently manufacture food ingredients, you must be able to control the specifications and formulas for a large number of SKUs and be able to track all of your raw ingredients back to their source. At the same time, your production facilities must be able to sequence and schedule the packaging of your products in anything from a single-use container, to a drum, to a tote, to a rail car.

Then, you must ensure that the label or specifications sheet for a particular ingredient always matches the product produced, even if the raw materials have changed or you've had to adjust the formulation depending on the local requirements of your customers. These are complex tasks that must be executed accurately each and every time.

## How Infor solutions can help

As a food ingredient manufacturer, it's up to you to accurately supply dyes, oils, stabilizers, flavorings, nutritional supplements, and other specialized components to companies that manufacture food and beverage products. These companies rely on you to create and distribute high-volume commodities and highly concentrated customized food ingredients—and keep the supply chain moving.

This is where Infor Food & Beverage can help. Infor Food & Beverage helps ingredient manufacturers like you stay on pace with production volumes, so you can focus on tailoring the formulations of new products to meet the needs of specific food manufacturing customer orders. Infor's purpose-built solutions can help you manage formula data (from recipes to labeling), streamline the development of new products, execute and control complex manufacturing processes, and capture manufacturing, formula, and production information that can be tracked from supplier to customer delivery.

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Infor Food & Beverage helps food ingredient manufacturers keep up with production volumes and focus on tailoring new product formulations to meet the needs of

# food manufacturing customers.

You get tools to help you:

- **Execute and control complex manufacturing processes**—With an enterprise resource planning (ERP) tool, managing food ingredients that require specific formulations is simplified. An ERP can also be used to track a growing number of product SKUs, streamline operational processes to remove wasteful procedures and unnecessary costs, and provide technical documentation.
- **Control product management**—Using a PLM tool with least-cost-formulation modeling, you can develop better products faster, improve product effectiveness, meet regulatory compliance constraints, create accurate labels, and lower your overall total cost of ownership.
- **Develop new product formulations**—As the formulation of a new flavoring is worked out, it needs to be tested in small lots before it can be manufactured. With a product lifecycle management (PLM) tool, you can offer documentation to make sure these formulations meet internal or customer guidelines, as well as governmental restrictions.

- **Capture production data**—Tracking and sharing accurate data is critical. Food ingredient manufacturers like you must be able to track all of the information related to your recipes, formulations, or raw material sourcing available to your customers or regulatory bodies. In this way, you can be sure that your ingredients are made according to the correct formula specifications and standards.

These tools and functions are available thanks to the integration of Infor M3 (ERP) with Infor Optiva (PLM) along with the M3 Graphical Lot Tracker in the Infor Food & Beverage suite.

Infor Optiva provides product management control and can be used to work out new designs, while Infor M3 executes and controls complex manufacturing processes, and M3 Graphical Lot Tracker captures traceability and quality data to be used in customer audits and recall situations.

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With Infor Food & Beverage at the helm,

## food ingredient

manufacturers can execute manufacturing processes with Infor M3, control product management with Infor Optiva, and capture data with M3 Graphical Lot Tracker.

This deep integration gives you:

- **Visibility into complex manufacturing processes**—Where Infor Optiva provides the source of all product data, integration with Infor M3 helps you execute on this data—and control your manufacturing processes. In addition, Infor M3 offers full visibility and control into all aspects of financial planning, equipment and asset management, supply chain optimization, and customer service so you can respond rapidly to changes in customer demands. With Infor M3, you can manage complex, configured, and attribute-controlled products, and directly support costing, planning, and execution.
- **Access to a wealth of product management data**—With Infor Optiva, you can store all of the labeling information related to your ingredient sourcing, bills of materials (BOMs), formulations, and recipes. Because the application stores all of your cost data, you can select the best formula for a given product—thus significantly reducing material costs so you can manufacture existing and new product lines more efficiently.
- **Flexibility to develop new products quickly and efficiently**—Having a number of food manufacturing customers means producing a number of specific formulations in smaller product runs—ideally in as close to a make-to-order scenario as possible. Planning and scheduling are critical here. With Infor Optiva, you can develop and test new products before moving them into full-scale production. And, once you're ready to move into production, Infor M3 can execute on the processes and steps along the product development pathway, while Infor Optiva provides a quick turnaround on documentation so that regulations and customer needs are treated with equal importance.

- **Stay current with regulations and track all product data**—M3 Graphical Lot Tracker can create a database that contains all the necessary information required to track products, materials, and formulations, so you can be sure you're meeting compliance regulations. M3 Graphical Lot Tracker can also be used to store additional sources of information from manufacturing execution systems (MES) and laboratory information management systems (LIMS). You get complete visibility from the raw materials/batches phase all the way through to customer delivery. M3 Graphical Lot Tracker can also be used to trace all the steps, occurrences, and activities along the supply chain. Should a recall ever happen, you can respond proactively and decisively—minimizing the costs of such an event. Today companies using M3 Graphical Lot Tracker also realize substantial benefits when sharing online traceability information with their customers during frequent audits and supplier evaluation processes.



## How you benefit

With Infor Food & Beverage—including Infor M3, Infor Optiva, and M3 Graphical Lot Tracker—food ingredient manufacturers like you can deliver much-needed products on time, every time. You'll be able to more easily control raw materials and formulations, because you'll have instant, electronic access to accurate upstream and downstream records of all raw materials, production data, and deliveries.

You can use Infor Food & Beverage to continuously monitor the formulations of food ingredients, so they can be updated to accommodate for everything from changing customer demand, supply chain constraints, or government regulations—without sacrificing safety and quality.

With these Infor solutions working for you, you can make better, smarter, and more accurate decisions about your ingredient formulations, labels, and supply chain.

[Learn more about Infor Food & Beverage for Food Ingredients](#)



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641 Avenue of the Americas, New York, NY 10011

INF-1465981-en-US-0316-2