

Wonderware eCompliance Solutions

OVERVIEW

Wonderware eCompliance Solutions enable food-processing companies of all sizes to comply with the FDA's new regulations on Establishment, Maintenance, and Availability of Records. The final rule was published in December 2004 as FDA 21 CFR Part 1, Subpart J and begins to take effect in 2005. Called for by the U.S. Congress in the Bioterrorism Act, these FDA regulations ensure that in the case of a public health emergency involving our food supply, the FDA can very quickly trace any affected materials upstream to the source of the problem and downstream to all affected destinations.

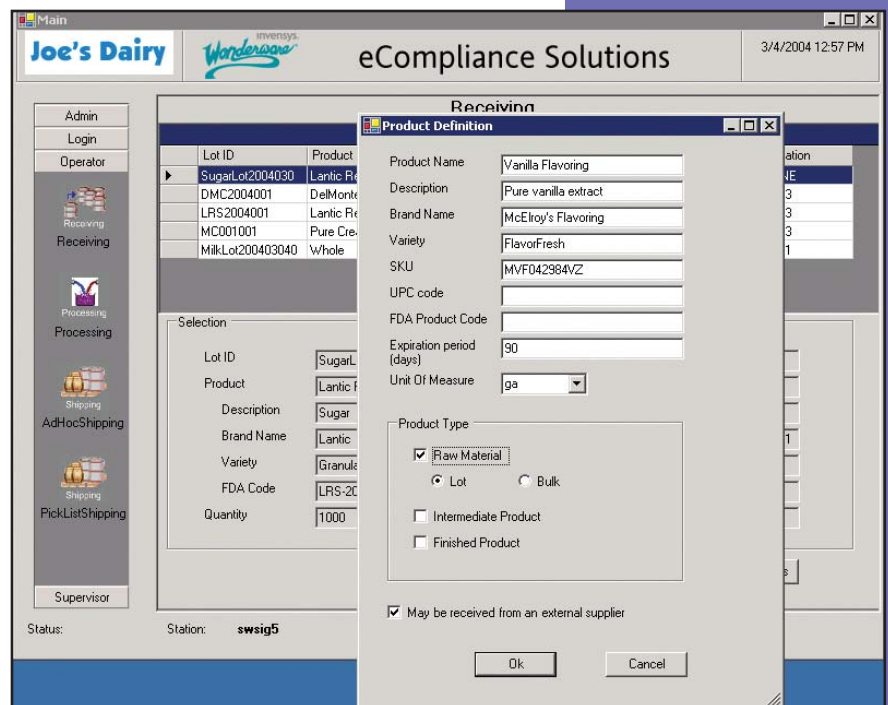
In addition to meeting the FDA's Food Bioterrorism requirements, Wonderware eCompliance Solutions can help manufacturers improve operational performance, product quality, traceability and downtime tracking. These solutions also add value to a plant's shipping capabilities by preventing the release of unfinished or expired products and generating pallet labels and bills of lading. Furthermore, eCompliance Solutions can accommodate plug-in barcoding functionality out of the box and can integrate Radio Frequency Identification (RFID) technology for pallets and cases if a company wishes to implement readers at receiving or shipping docks. With foundations in Microsoft technologies such as .NET, Wonderware eCompliance Solutions can also provide business system integration.

To meet the Bioterrorism Act's requirements, the FDA must ensure that all food-processing facilities in the United States and those that import products into the United States keep current, accurate records of every ingredient or other component that goes into its products.

These records include the Immediate Previous Source (IPS) of all materials that go into an affected product and the Immediate Subsequent Recipient (ISR) of the finished product. This information includes the source of the ingredients, who transported them and when, who delivered the finished product, and the product's destination after it leaves the plant. In other words, the FDA will need to track one link up and one link down the supply chain.

The FDA also must track internal genealogies — i.e., the specific source of each ingredient used to make every lot of finished product — within each individual facility. In an emergency investigation, the FDA will make the other connections up and down the entire affected supply chain. But every link in the chain **MUST** supply that information in a matter of HOURS!

The following figure shows the operator interface for a Wonderware eCompliance Solution, which is tightly integrated with the food-manufacturing process.



Wonderware eCompliance User Interface

CAPABILITIES

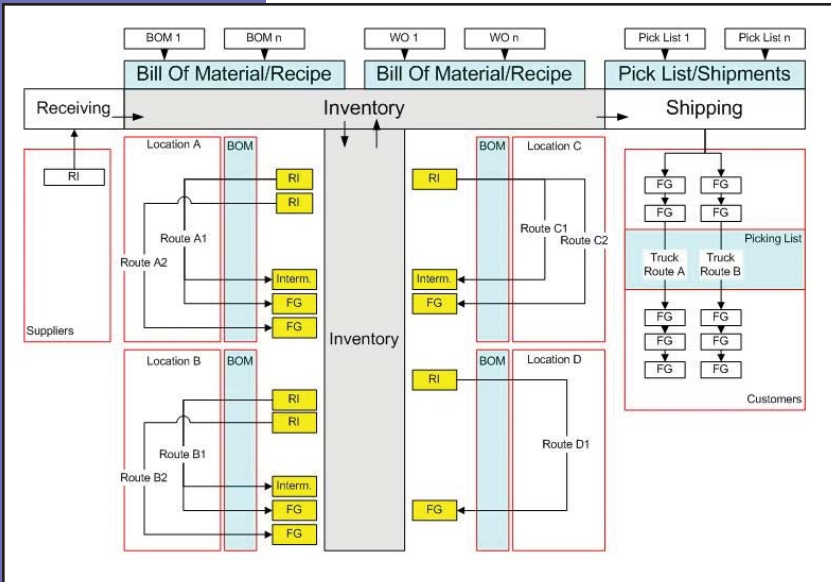
In addition to facilitating compliance with the new food bioterrorism regulations, Wonderware eCompliance Solutions provide parent-child traceability for incoming materials, enable work-in-process changes and facilitate the shipment of finished goods. For large food manufacturers, eCompliance Solutions can also incorporate barcode technology, RFID (receiving and shipping) and XML document exchange/business system integration in addition to recipe and inventory management.

BENEFITS AT A GLANCE

Wonderware eCompliance Solutions:

- Leverage Microsoft technology
- Feature easy-to-use, modular software
- Offer affordable deployment
- Centralize application maintenance and support
- Offer features that add value and support operational excellence

unit provides the groundbreaking technology that is the backbone of Wonderware's latest products. The ArchestrA industrial automation and information software architecture is unified and robust, and can enable the instant integration of application information to make every system in a plant work in concert.



eCompliance Feature Overview

Wonderware eCompliance Solutions fully leverage the latest Microsoft .NET technology to seamlessly manage application upgrades and maintenance. Furthermore, food-processing companies that install eCompliance Solutions will benefit from the expertise offered by Invensys' Wonderware and ArchestrA business units. Since 1987, Wonderware has successfully deployed many large-scale solutions for world-class manufacturers as well as smaller regional companies, and enjoys a very strong market presence.

Wonderware is well known for offering exceptionally easy to use, reliable and highly integrated software, which empowers industrial organizations to make intelligent plant decisions in real time. In addition, the ArchestrA business

THE OFFERING

Wonderware eCompliance Solutions are scalable upward to meet the needs of very large multinational food-processing companies. The primary eCompliance offering, however, is not a project but a package. The core eCompliance solution is a stand-alone software system that:

- Can be deployed in days
 - We build your operations model and database from spreadsheet files you provide.
- Makes economic sense
 - Pricing targets are based on the cost to hire an employee to manually maintain the required records.
- Fully complies with the new regulations
 - Smaller firms that do not have large enterprise management systems can implement electronic record keeping without redesigning their core business processes.

APPLICATION CONTACT INFO

For more information on Wonderware eCompliance Solutions, or to learn more about the new FDA regulations, please visit our website at

www.wonderware.com/solutions/ecompliance.

Contact Wonderware or your local Distributor for information about software products for industrial automation.
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