What to know:

Food Production Management Software

Food production requires traceability and systems that are fully FDA compliant to ensure product quality. Any software integrated into your process should simplify ERP practices, streamline production and provide real-time reports to monitor and optimize processes.

What can Production Management Software do?

Integrating production management software allows you to capture weight data throughout production to ensure optimal ingredient use, access complete process reports and identify areas that could use an efficiency boost. Production management software should be able to integrate with your existing ERP and MRP systems and help support product traceability.

Production Reporting

Access to thorough reports is essential because it creates traceability for all products and allows you to review production processes. Operators can ensure consistent quality, minimal waste, better cost control and detailed records of every process, ultimately saving time and money.

Different types of production software offer different reporting functionality, so you may need to consider any customization available. For example, production management software should include time- and date-stamped reports and allow you to

view data based on shifts or days, but you should verify that you can use custom time periods, too.

You should be able to review your data in a variety of graphs to suit your needs, such as color histograms, trend graphs, charts or even user-configurable tables. You should also be able to review time- or event-based trends to identify process areas that can be optimized. Ensure the production software you choose is FDA compliant so you can easily maintain compliance throughout your production process.

Production Control

Production management software can help simplify recipe batching by automating essential ingredient management tasks. For example, when batching recipes, your production software should automatically recalculate ingredient ratios based on high-cost ingredient levels. This ensures that when too much or too little of a high-cost ingredient is added, the batch is adjusted to maintain product quality and optimize the use of all ingredients.

You may also want production management software with customizable operator process actions. This means that operators at individual workstations either have manual process control or can only initiate an automatic batching process. Some production management software will also allow you to control whether operators can schedule the order and number of recipe batches with a free process flow or through specific work orders.

Modular Production Management Software

Rice Lake Weighing Systems' Myrias® is an integrated software solution that provides process control, data monitoring and product traceability. Myrias is a unique production management software because it can be used with any brand of scale indicator and integrates with existing ERP and MRP systems. Installing Myrias on a Windows® PC or running it from a central

server with network-connected workstations gives you more control over your process. Myrias enables every facility to customize their production management system. Facility managers can utilize modules including batching formulation, checkweighing, offline sampling and more to create the ideal system for their operations.

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