

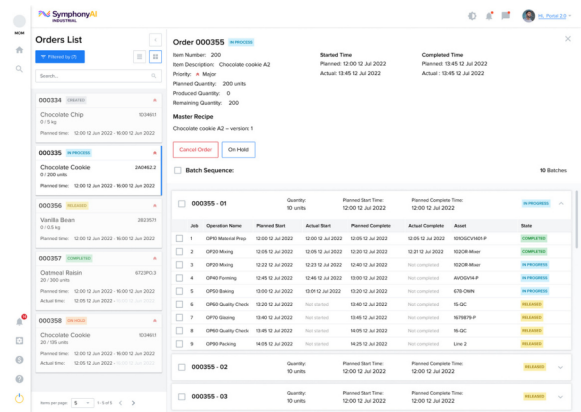
# PRODUCTION DISPATCHING

Integrate with ERP to automate the flow of order information to the MES system and send it for execution

## OVERVIEW

For an efficient manufacturing process, managing the flow of materials and resources in an easy and convenient way is an important step.

The Production Dispatching module provides the link between planning and execution by taking the order and operation management activities to the next level. It is closely integrated with ERP and receives the global instructions for a production order. The orders can be sorted, prioritized, and modified to the extent possible. It maintains the master data information about the items, assets, and operations, such as their names, description, purpose, and the Master Recipes – the steps to transform raw material into a product. Via this module, the order is associated with the appropriate master recipe. The order is exploded into jobs organized by batch sequences. The jobs can then be dispatched to the shop floor for execution by the operators.



All the steps are closely linked with the other functionalities of the MES system, and it is made sure that jobs are adjusted in accordance with any change. The entire order structure can be placed on hold or canceled at any level to allow for any contingency with propagation following the built-in business rules.

## Features

- Embedded compliance steps in the process
- Actual vs Planned process time visibility
- Real-time update of consumption and production status
- Audit trails
- Production reports for analysis
- Alarm management

## Benefits

- Real-time granular visibility into manufacturing and WIP
- Reduced human error
- Paperwork elimination
- Improved product quality

## About SymphonyAI Industrial

SymphonyAI Industrial, a SymphonyAI business, is an innovator in industrial insight, accelerating autonomous plant operations. The industry-leading EurekaAI/IoT platform and industrial optimization solutions connect tens of thousands of assets and workflows in manufacturing plants globally and process billions of data points daily, pushing new plateaus in operational intelligence. SymphonyAI Industrial solutions provide high value to users by driving variability out of processes and optimizing operations for throughput, yield, energy efficiency, and sustainability.