

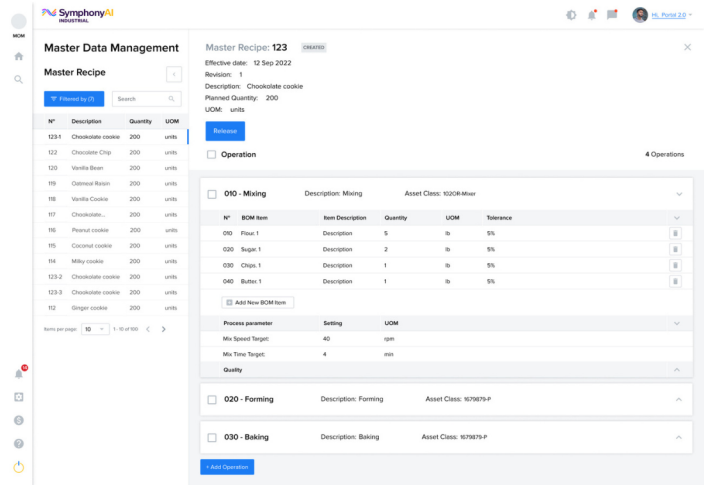
RESOURCE ALLOCATION & CONTROL

Define allocation plan for assets based on capabilities while tracking equipment state

OVERVIEW

Manufacturing relies heavily on how the resources are managed.

The Resource allocation and Control module manage resources including machines and tools, labor skills, materials, and other entities such as documents in order for jobs to be executed. It provides a detailed history of resources and ensures that equipment is properly set up for processing. The management of these resources includes reservation and dispatching to meet operation scheduling objectives. It has information on the status of the resources and the alternatives if a particular resource is not available. It keeps a check on the status of the resources and keeps on informing the other integrated system of its status.



It monitors production and provides decision support to operators for correcting and improving in-process activities

Features

- Version control of the resources
- Status in real-time
- Assistance with the best utilization of resources
- Resource details can be exported/imported from files
- Resource utilization report
- Works with complex processes with high variability

Benefits

- Less demand on limited resources
- Betterer utilization of resources
- Reduced downtime
- Improved visibility
- Enhanced monitoring

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.