

OPERATIONS SCHEDULING & SEQUENCING

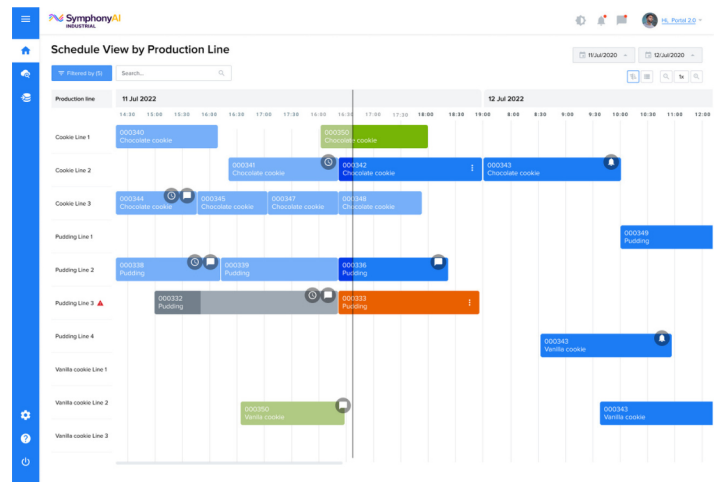
Create the production plan to get the best possible utilization of resources

OVERVIEW

Plant schedulers spend a lot of time determining how and when to work new orders into their production schedule. High-level planning comes from the enterprise resource planning (ERP) system and often is exported to spreadsheets. Lack of visibility into inventory and personnel schedules makes it difficult to maintain an accurate picture of what is being produced on which line at any given time. Add the additional complexity of downtime, changeover, and maintenance challenges, and efficient production scheduling becomes nearly impossible.

The Operations Scheduling module provides visibility to those disparate sources of information allowing a more accurate schedule.

The Gantt chart view filtered for a specific time helps in visualizing the order sequence in an intuitive manner. Drag and drop rescheduling ability provides the user with the ability to quickly and dynamically schedule and reschedule production orders to consider not only real-world capacity limits but unexpected events as well.



Features

- Inclusion of all range of assets
- Fully integrate with the other MES functionalities
- Manual schedule adjustments
- Indicators for quick information on the orders
- Real-time precision for accurate scheduling
- Takes into consideration alternatives/overlapping and parallel operations

Benefits

- Improved equipment utilization
- Improved order fulfillment
- Increased visibility, predictability, and reliability
- Increased production throughput
- Reduced set-up time
- Reduced manual effort
- Minimize inventory carrying cost

Note – Plan 360, an AI-based scheduling feature is in the future roadmap.

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.