

# PRODUCTION TRACKING & GENEALOGY

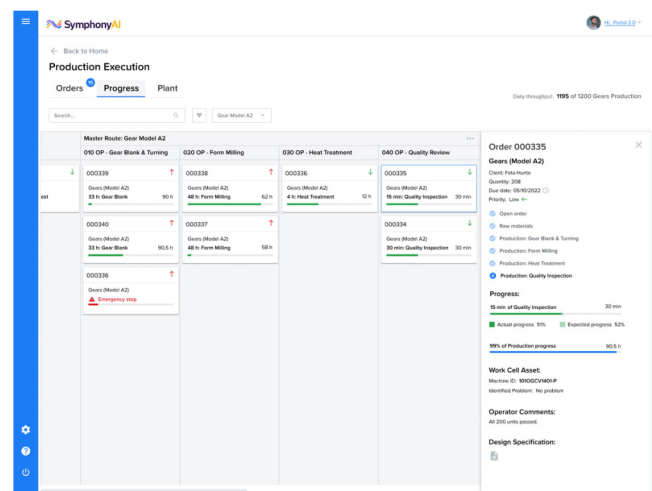
Manage and track the transformation of the material into finished product

## OVERVIEW

Even the best-managed production companies, with perfectly matched quality control systems, can experience a situation where a raw material will have a defect. In such a case it is important to quickly find it and trace it to the affected products.

Production Tracking and Genealogy module helps us get the exact information of production status, where exactly in the process the order, batch, or job is. It provides full context of the order such as personnel assigned to the job, equipment used, materials used in the production, current production conditions, expected completion time, quality data, and info on alarms, exceptions, etc. It provides high-fidelity information supporting where-used and as-made traceability trees.

This information provides the structure on which other information can later be collected such as quality and process data.



## Features

- Real-time traceability and genealogy at order, batch, and job level
- Planned vs actual comparison
- Actual production data compared with estimated scheduling data
- Lots/Serial no. generation and management
- Integration with level 4 system

## Benefits

- Reduction of human effort
- Increased operational efficiency
- Improved visibility and tracking of material requests
- Reduction of material shortages
- Reduction of raw materials inventory and raw materials scrap

## About SymphonyAI Industrial

SymphonyAI Industrial, a SymphonyAI business, is an innovator in industrial insight, accelerating autonomous plant operations. The industry-leading EurekaAI/IIoT 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.