Palantir Foundry –
Impact Study

Optimizing production globally

MANUFACTURING

CHALLENGE

A global manufacturer of industrial and consumer goods could only assess a small fraction of all possible production optimization scenarios. Gathering the data needed to make a single optimization decision took 6 months and required constant back-and-forth between global and regional teams, product experts, and plant managers.

SOLUTION

The manufacturer systematically analyzes large numbers of optimization scenarios to inform production allocation decisions across hundreds of plants worldwide by:

Centralizing global and plant-level data

Production allocation models are powered by hundreds of supply chain datasets integrated from plant databases and offline spreadsheets.

Optimizing allocation decisions

When analysts reallocate production, they now account for plant capability, as well as the cost of raw materials, logistics, and production itself.

Improving data quality

Previously, poor data quality compromised the integrity of allocation decisions. Now, analyst teams and plant managers have better transparency into data quality and collaborate to improve data capture directly within the platform.

IMPACT

- Production allocation models can now be run in days (versus months).
- By running significantly more production optimization scenarios in less time, the manufacturer has identified tens of millions in potential savings between scenarios.