



Success Story

Vinyl and Hydrocarbon Businesses at Global Chemical Company

Benefits

- The client now has fully integrated planning, scheduling, order processing, and inventory management systems.
- They have increased their equipment asset utilization.
- They've radically cut the time needed to generate a low-cost, feasible production schedule.
- They now understand the impacts on cost and customer service of scheduling multiple stages of production simultaneously.

Objectives

This Fortune 500 business needed to improve their production scheduling, which included 100+ products, 1,000+ SKUs, and 30+ production facilities.

Our Solution

Profit Point worked with the client to identify their ongoing requirements for scheduling:

- The production area needs to schedule production on its reactors, tanks, and packaging facilities over a horizon of 10 to 14 weeks.
- The schedule must balance ontime product availability, maximal product quality, maximal asset utilization, and minimal cleaning and setup costs. The schedule must respect raw material availability, production constraints, and downtime.

Creating such a schedule allows the business to achieve strategic goals of excellent customer service, superior quality product, and low operating costs.

Profit Point developed a custom model that the plant scheduler runs on his PC. He can quickly develop a feasible, low-cost production schedule for the plant operators. The easy-to-use, graphical scheduling board in the software allows for quick review and modification of the schedule. The software is fully integrated with the company's order processing, inventory, manufacturing control, and production planning systems.