Case Study Procter & Gamble

AutoScheduler Drives Savings of Over \$4 Million







Site Details

Procter & Gamble operates one main plant in Lima, Ohio, that used seven nearby satellite warehouses for storage. Across this campus, there were 250+ outbound full-vehicle shipments per day. Of these, 85% were drop and hook, and 15% were live load.

Challenges

Warehouse and campus activity scheduling required a high-level of manual effort. Based on who was on shift and the need of the day, the planning process has many variabilities when sourcing loads. Beyond that, volatility in the production schedule and volume increased planning complexity. These factors often resulted in imperfect schedules requiring many bring-backs from the satellite warehouses to the plant to complete shipments.





AutoScheduler Implemented Solution



- Improved productivity by increasing shipments from the plant
- Direct dock from plant went from 57% to 83.4%
- Bring-backs went from 16% to 8.7%

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Success Metrics

- Doubled the trucks shipped from the plant directly to customers without increasing network inventory
- Reduced shuttle moves involving outside warehouses by nearly 50%
- Reduced workforce planning from 8 hours to 20 minutes per day
- Increased throughput in a product crunch by automating planning (Load Now Button)
- Reduced cuts, substitutions and delays



