# Innovative Solutions for End-to-End Supply Chain Optimization

Minitab solutions help companies easily analyze their data to make improvements to planning, cycle time, inventory management, delivery times and more. We use the power of prediction to optimize every step in the supply chain.



#### **PLANNING**

- Supplier risk management and incoming goods projection
- Inventory projecting and scenario planning
- Forecasting accuracy evaluation and optimization



#### SOURCING

- Cost modeling to identify cost drivers
- Analysis of supplier contract compliance
- Aggregate demand/supply balancing



#### **PRODUCTION**

- Quality control and tolerance optimization capabilities
- Predictive maintenance of equipment to minimize downtime
- Lot sizing and scheduling considering cost, inventories and capacities



## **POINT OF SALE**

- Out-of-stock detection and prevention
- Shelf space optimization
- Product recommendations based on purchase history



# **DELIVERY**

- Real-time routing and ramp allocation
- Optimize delivery times and reduce inconsistencies
- Schedule delivery times in line with consumer patterns



## WAREHOUSING

- Optimize warehouse space allocation
- Adjust worker allocation based on efficiency
- Improve storage efficiency and picking productivity