

Windows And Doors Manufacturing Conglomerate

RHEO AI Smart Operational Platform Helps Major Window And Door Manufacturer To Improve Customer Ontime Delivery And Operational Performance

- **ABSTRACT**

- ✔ A high-volume Windows and Doors conglomerate's largest business unit was experiencing surging demands, employee turnover and shortages, and increasing customer lead-times
- ✔ The business operates on a 24-hour schedule with all shifts comparatively planned and staffed
- ✔ To overcome the capacity and customer service level headwinds, the businesses needed to quickly scale process improvement initiatives across the business utilizing production staff

- **CHALLENGES**

- ✔ Supervisors lack the vital process information to quickly identify and prioritize improvement opportunities
- ✔ Daily units per day was 18% lower than established business objectives
- ✔ Multiple production lines making similar products were functioning as silos with suboptimal standardization and cross learning

- **RESULTS**

- ✔ Supervisors – Led the continuous improvement efforts to unlocked capacity in their responsible areas with minimal support from the continuous improvement team and management
- ✔ Manufacturing – Realized a 35% increase in daily units on three production lines in a three (3) week period
- ✔ Plant - Significantly reduced day-to-day throughput variation across shifts and lines