

Windows And Doors Manufacturing Conglomerate

RHEO AI Smart Operational Platform Helps Major Industrial Manufacturers To Improve Employee Satisfaction And Reduce Overtime Cost

- **ABSTRACT**

- ✔ A leading manufacturer of windows and doors needed to grow capacities to support the surging building market demand

- **CHALLENGES**

- ✔ Space limitations and long machine lead times are preventing the addition of new production lines to support the capacity increases
- ✔ Supervisors were slow to embrace kaizen improvement events to identify bottlenecks in the process
- ✔ Production line output was 150-200 units/ shift lower than their parent plant
- ✔ Travel during Covid was limited which prevented the team from visiting the parent facility to identify the flow differences
- ✔ Vital statistical information needed for decision making was difficult to obtain

- **RESULTS**

- ✔ Supervisors – Supervisors started identifying bottlenecks and holding mini experiments to improve the processes
- ✔ Manufacturing – Realized a 38% increase in daily units in three production lines
- ✔ Financial – Daily revenue increased 8%