

Case Study: Optimising Production Scheduling at H&H Cabinets

Introduction

H&H Cabinets, an HIA Victorian Kitchen of the Year Award Winners and leader in the cabinetry and kitchen industry, has built a strong reputation for excellence in craftsmanship, innovative designs, and high-quality materials. With over 50 years of experience, the company continuously delivers award-winning kitchens and complete home cabinetry solutions while ensuring sustainability through strict Australian ECO-friendly standards. However, frequent supply chain variations and client-driven design changes required a dynamic scheduling solution to optimize production resources and maintain efficiency.

Challenges

The company faced several operational challenges:

- Frequent supply and operations changes demanded a quick and adaptable scheduling system to optimize production.
- Unexpected client variations, including delivery and design modifications, required a flexible scheduling approach.
- Accurate forecasting and timely product delivery were crucial for maintaining customer satisfaction.
- Managing high variation in low-volume jobs necessitated dynamic scheduling for resources and workcentres efficiency.

Solution

To address these challenges, H&H Cabinets implemented infoWAMS/infoBoard, a dynamic scheduling tool designed to enhance work order routing and delivery date management. Key solutions included:

- Integration of infoWAMS/infoBoard for real-time scheduling adjustments to accommodate unexpected changes.
- Updating new projects to a planning board to optimize resource allocation and align production schedules with delivery timelines.
- Access to historical production data for operational analysis, enabling improved supply organization, resource management, and profitability.
- Identification of bottlenecks and idle work centers ahead of time, allowing proactive actions to maintain workflow efficiency.

Outcome

The implementation of infoWAMS/infoBoard resulted in several positive outcomes for H&H Cabinets:

- Enhanced production scheduling, leading to improved planning accuracy and proactive adjustments ahead of time.
- Increased staff productivity and service levels, ensuring timely deliveries and high-quality output.
- Digital transformation with on-demand access to infoWAMS/infoBoard, eliminating the need for manual spreadsheet or paper records.
- Operational efficiency, particularly during peak periods such as holiday seasons, with a structured yet adaptable scheduling process.

Dale Healy, Managing Director at H&H Cabinets, noted:

“Our peak periods, such as Christmas deliveries, were traditionally chaotic due to scheduling challenges. With the use of infoWAMS/infoBoard dynamic production scheduling, we are organized and busy, but operations run smoothly to meet deadlines.”

