

Advanced Scheduling for
Aptean Industrial Manufacturing ERP
Made2Manage Edition

Ready for Supply Chain Resiliency



Build the Right Jobs at the Right Time

The Challenges

Upstream supply chain disruptions creating long sourcing lead times and unstable inventory levels have brought new complexities to scheduling and production for discrete manufacturers. These challenges have been compounded by workforce shortages, social distancing requirements, and reduced customer demand, putting manufacturers at risk of reduced on-time delivery and decreased customer satisfaction.

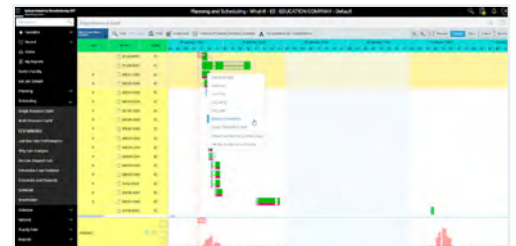
To maximize your operational efficiency and profitability, you need to be able to react quickly to changes in both demand and supply orders, as well as labor availability. You need to be able to build the right job at the right time by scheduling and sequencing all activities in your work centers.

The Solution

Advanced Scheduling helps small and mid-size discrete manufacturers in a variety of “to order” environments to easily adapt schedules and plans to meet delivery dates. Our proprietary tool leverages state-of-the-art scheduling algorithms and real-world capacity, material and time constraints, enabling you to model out what-if scenarios, confidently set delivery dates with real-time capable to promise (CTP) and maximize efficiency and profit.

Aptean Research Spotlight*

- » 88% of manufacturers are still experiencing longer than usual lead times
- » Upstream supply chain disruption, decreased demand, staffing shortages, and distancing requirements were in the Top 5 challenges reported by discrete manufacturers
- » Increasing customer satisfaction was the #1 targeted business strategy for discrete manufacturers




Easy to Use drag-and-drop tools to quickly view and edit schedules.

*Aptean US Manufacturers Industry Study; April 2021



Key Benefits

- › **Streamlined Constraint Assessment** – Prioritize, sequence and schedule job operations in one step across work centers within capacity and material constraints.
 - › **Improved Key Metrics** – Improve customer service levels, lower costs, minimize late jobs and increase profits.
 - › **Maximize Flexibility** – Perform scheduling and rescheduling runs quickly. Create What-If scenarios to expedite sales orders by identifying material and capacity constraints to meet customer demand.
 - › **Real time information** – Keep the entire organization in synch by sharing real-time information across a common ERP/ SCM database.
 - › **Maximize Throughput** – Constraints for assembly and shipping buffers, all in one place.
 - › **Easy to Use** – Drag- and-drop Gantt chart tools are used for viewing and editing schedules. These seamlessly link work center views with job order views and peg tasks to their related sales order or other top-level demand.
 - › **Constraint Management** – Flexible options for constraining schedules based on the availability of labor resources or materials at any work center.
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Aptean Customer Spotlight

Check out our case study on page 3 to see how The Metalworking Group experienced a 4x increase in revenue and increased on time delivery by 11% in less than 12 months by utilizing Advanced Scheduling.

Customer Success Spotlight: The Metalworking Group

The Results



**4x Increase in Revenue & On-time Deliveries
Increased to 86% from 75% in 1 year**

Who is the Metalworking Group?

- ▶ The Metalworking Group (MWG) is a global, full-scale design and metal manufacturer. MWG has 2,500 custom-made component orders open at any time.

What was MWG's solution before Aptean?

- ▶ MWG previously used Excel-based processes to manage orders. However, manual processes were not sustainable for MWG to effectively and efficiently coordinate such a high volume of unique orders.

How has MWG used Aptean Industrial Manufacturing ERP?

- ▶ **To eliminate guesswork in production planning and sequencing** – Aptean Industrial Manufacturing ERP uses a state-of-the-art algorithm to schedule jobs based on actual capacity and material availability, allowing MWG to prioritize its operations and promote profit
- ▶ **To share real-time information across MWG's entire organization, keeping operations in sync** – Aptean Industrial Manufacturing ERP enables total visibility and data transparency through a central inventory database
- ▶ **To respond quickly to real world conditions** – Aptean Industrial Manufacturing ERP's sophisticated planning and scheduling tools allow MWG to monitor execution and react quickly to unplanned events

"Aptean Industrial Manufacturing ERP has streamlined our inventory control process, including movements to finished goods and shippers, along with other inventory transactions."

Are you Ready to Learn More?

Want to learn more about Industrial Manufacturing ERP
Made2Manage Edition? Contact Us at info@apteen.com
or visit www.apteen.com

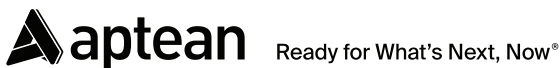




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About Aptean

Aptean is one of the world's leading providers of purpose-built, industry-specific software that helps manufacturers and distributors effectively run and grow their businesses. With both cloud and on-premise deployment options, Aptean's products, services and unmatched expertise help businesses of all sizes to be Ready for What's Next, Now®. Aptean is headquartered in Alpharetta, Georgia and has offices in North America, Europe and Asia-Pacific.

To learn more about Aptean and the markets we serve, visit www.aptean.com.