

THE PLEX SMART MANUFACTURING PLATFORM

FINITE SCHEDULING

Does your infinite or manual scheduling process get you down? The life of a production scheduler isn't easy. The constant balancing act between meeting due dates to keep customers happy and overcoming bottlenecks and equipment downtimes can be exhausting. Not to mention the challenge of maximizing the use of capacity and resources. There's a better way. Plex Finite Scheduling helps proactively schedule production without the guesswork.



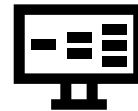
Maximize Capacity

Manual or infinite scheduling techniques rarely produce workable schedules. These techniques diminish your ability to react to changes and increase opportunities for error. Finite Scheduling can help by evaluating production resources and constraints, capacity, materials, tooling, and labor while scheduling. It improves coordination of maintenance activities and provides visibility to resource utilization throughout the plant. This makes your schedules realistic and stable without wasting valuable time and resources.



Optimize Costs

Poor scheduling causes a lot of headaches: bottlenecks, insufficient or excess resources, expensive overtime—they all impact the bottom line. Finite Scheduling enables you to create a schedule grounded in data rather than from the gut. You can quickly run a “what-if” analysis to understand how various decisions impact production schedules and timelines. You save on expenses and reduce stress on the plant floor.



Automate Scheduling

Finite Scheduling emboldens schedulers to integrate their knowledge of the plant floor with the power of automation. This powerful solution is highly visual, customizable, and easy to use. It quickly adapts production schedules as you edit them in the Plex Smart Manufacturing Platform. That means no schedules recorded on piles of paper or outdated Excel sheets.

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Get Real: Ensure Accurate Schedules

The combination of powerful enterprise solutions like the Plex Smart Manufacturing Platform, Manufacturing Execution System, and Finite Scheduling helps you manage your production schedule and resources to make the most of your capacity.

You'll have the tools to connect and automate your production and business processes with a single digital platform that's purpose built for manufacturing, delivering the real-time control, visibility, and quality that manufacturers need to manage their businesses and meet changing customer demands.

- Use increased visibility to incorporate planned maintenance within production schedule activities.
- Create visual cues to highlight important jobs on the Schedule Board so they aren't missed.
- Project inventory transactions showing future availability and use of consumed material and components.
- Display scheduled maintenance work requests on the work center Dispatch List.
- Base capacity and resource use reports on your current scenario.
- Use drag-and-drop capabilities to readily manipulate the production schedule on one visual dashboard.

“We grew 40% without really breaking a sweat. Only because our data was more accurate were we able to make accurate promises and know a lot more about how our shop floor operates rather than just another day on the shop floor.”

– Kurt Kronz, VP of Materials and Supply Chain, Auto Bolt