



## Taylor Scheduler

### Real Answers to Real Manufacturing Problems

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You have to produce. No matter how efficiently your company's supply chain operates, unless manufacturing can deliver according to plan, you won't be able to meet your customers' expectations. You know your operations; you know your people. You probably know every step in every manufacturing process in your plant. Despite this, every day you have to make tradeoffs between orders, compensate for late or missing material and components, expedite urgent orders and squeeze more production from limited resources. And the job gets more complicated and demanding all the time.

Making these day-to-day manufacturing decisions is what manufacturing management is all about. The better decisions you make, the more effectively your company can compete and the more efficiently you can meet your delivery obligations. Taylor Scheduling Software understands your manufacturing challenges and knows you face problems unique to your company and your plant. With **Taylor Scheduler** (TS), we provide the manufacturing scheduling and optimization tools you need to make the right decisions to meet your objectives, taking your unique problems into account. Taylor Scheduler works with your existing manufacturing planning and inventory management systems. You use the planning, inventory and purchasing data and processes you've built up over time, supplementing them with Taylor's proven manufacturing scheduling and optimization software to produce executable schedules that maximize resource utilization while minimizing costs.

#### *You've Got Problems, We've Got Answers*

Every manufacturing operation faces a similar set of problems including:

- Inventory (excess, obsolete, late or insufficient);
- Lead times (unpredictable, too short, too long);
- Costs (reduce costs while increasing output);
- Complexity of the process (many operations or products, complicated set-ups, variable yields, many interdependencies);
- Resources (too much capacity in one area, not enough in another);
- Surprises (no visibility of problems and unexpected events) and;
- Customer Satisfaction (deliver on-time and under budget, while allowing the customer maximum flexibility in ordering)

Of course not everyone has all of these problems. What makes your situation unique is the combination of problems you face. The products your plant produces, the processes and equipment it uses, the people it employs and the customers it serves all contribute to creating the very special set of challenges you face every day.

#### *Low Risk, High Return Solutions*

What you need is proven solutions to these problems without the risk and expense of custom software. Taylor Scheduler meets your needs by providing powerful, flexible scheduling and management tools that can be fine-tuned to solve your problems without creating a "one-off" system. You can tune Taylor Scheduler to suit your business and processes, rather than having to change the way your operations work to suit the software.

Taylor Scheduling Software has hundreds of successful customers who have achieved dramatic results using Taylor Scheduler.

Many customers report results such as these:

- Work-in-process reduced 50%
- Raw material inventories down 30%
- Finished goods inventories cut by up to 50%
- Setup costs trimmed by 30%
- Lead times reduced by 50%
- Machine efficiency up by 25%
- Customer service levels improved to almost 100%

What's more, most Taylor customers report achieving a return on their investment in implementing Taylor Scheduler within 6 to 12 months.

As impressive as these statistics are, we know you'll measure the success of Taylor Scheduler in other ways too. After all, the value of any tool is determined by whether it helps you do the job faster, better and more easily and efficiently. With Taylor Scheduler, you'll be able to see how specific functions and features of the tools improve your plant's operations and make your job easier. You'll see improvement in your plant's performance measurements and in day-to-day operations and quality of life.

### ***Robust, Feature-Rich Tools***

Taylor Scheduler suite gives you the functionality you need to model your plant and operations the way they really are and to manage production as it really happens. Among the modules of Taylor Scheduler are:

- **Taylor Scheduler**, which includes optimization and decision support
- **Production Client Suite**, which provides real-time dispatch lists and reporting

Among the key features Taylor Scheduler includes are:

#### *Real-time Visibility and Coordination*

With Taylor Scheduler's real-time shop floor link you can see the status of every order and pass up-to-the-minute dispatch lists to every workcenter. No more guessing on completion or being surprised by problems

you can't see. Through its easily understood graphical Gantt chart, Taylor Scheduler provides up-to-the-minute feedback on every order and operation.

#### *Power to change the schedule real-time*

With Taylor Scheduler's unique and powerful "drag and drop" scheduling, you can change the sequence and priority of orders by moving schedule blocks on the systems graphical Gantt chart. Not only can you make the change, you can see the impact immediately. Responding to changes has never been easier.

#### *Ability to model all aspects of a process*

Using data from your other management systems and parameters you can define within the system, Taylor Scheduler lets you precisely model all aspects of every process in your manufacturing operation. This ensures the resulting schedule reflects the way your plant really works.

#### *Capability to handle complex problems*

Sometimes the length of a setup depends on sequence of products, attributes such as color or material and variables such as humidity or temperature. Taylor Scheduler enables you to build setup matrices reflecting all of these variables, by operation and product. In addition, the product includes a robust modeling language that allows you to define setup and run times that must be calculated dynamically.

#### *Go With the Best*

Not only does Taylor Scheduler provide an efficient rules-based scheduler, it also includes a flexible optimizer which allows you to produce the best possible schedule, given your specific priorities for cost management, efficiency and on-time delivery.

#### *Consider the Alternatives*

Taylor Scheduler provides a powerful "what-if" capability that allows you to evaluate multiple scheduling scenarios simultaneously. No more guessing on the impact of proposed changes. You can save proposed scenarios and share them with others as you weigh your options.



*Go With the Flow*

Taylor Scheduler doesn't operate by itself. With Taylor Scheduling Software's easy-to-use Integration Toolset, you can link Taylor Scheduler to other key enterprise systems such as Manufacturing Resource Planning (MRP), purchasing or distribution management. You can define the flow of data to and from each system, ensuring up-to-date accurate information in all systems.

**Find out more, contact:**

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