

Advanced Planning and Scheduling

➔ Achieve dramatic results quickly—results such as an increase in on-time performance by up to 99% and a reduction in overall inventory, lead times, and makespans by 50% or more.



Be enterprising.

To meet your lean manufacturing goals—to do more and more with less and less—lean planning capabilities are vital. Indeed, traditional planning approaches have fallen short in improving customer service, minimizing inventory, and reducing manufacturing costs. Planning must focus on customer demand today, pulling to the customer due date and synchronizing the flow of material and capacity accordingly. With the right technology support, lean planning can help you meet your goals of world-class manufacturing performance. Infor™ ERP SL (formerly SyteLine) Advanced Planning and Scheduling delivers.

Leverage experience.

At Infor, our manufacturing professionals—many with more than 25 years of experience—are helping companies like yours solve their toughest business challenges. That experience is built into Infor ERP SL Advanced Planning and Scheduling, a powerful solution that synchronizes the use of work centers, inventory, resources, and supply with customer orders, enabling you to:

- Thread all planned orders to source of demand.
- Plan material and capacity simultaneously.
- Enable product flow without interruption.
- Plan in a just-in-time manner, eliminating delays.
- Plan order by order, eliminating unnecessary batching.

Get business specific.

With Infor ERP SL Advanced Planning and Scheduling, you can rely on a solution that is built, serviced, and managed by manufacturing professionals who understand your specific requirements—above all, the need for processes to flow smoothly, without mistakes, unnecessary steps, wasted resources, and waiting downstream because upstream activities are late. Our solution helps you meet this goal by providing seamless advanced planning capabilities, increasing your on-time performance and throughput while reducing inventory and operating costs.

- *Greater visibility in planning*—Our solution provides exceptional visibility into the lean manufacturing plans it creates. You get a continuously visible plan for each order, so that every order “knows” the jobs and POs it needs, and every supply “knows” the demand it supports. You also gain new insight into your inventory and your resources (machines, operators, work centers, cell, and facility utilizations).
- *Simultaneous materials and resource scheduling*—Our solution concurrently plans all materials and capacity needed to satisfy the customer order. It balances available capacity with the actual projected workload without assuming that capacity is unlimited or “infinite.” Plans are continually adjusted based on the changing dynamics of your manufacturing environment.
- *What-if capabilities*—The “what-if” capabilities of our APS engine let users determine the impact of decisions. For example, you can insert a high priority order into your current production plan, add overtime hours, or outsource specific components. The system instantly determines which customer orders will be affected and how delivery timeframes will change.
- *Real-time promise dates*—At the time of order entry, our solution provides the ability to obtain a promise date for the order which considers the finite constraints of both material and capacity. Users only need to press the CTP (Capable to Promise) button within the order entry screens. This powerful feature gives you real-time date promise capability at both the order header and line detail level.

See results now.

Infor ERP SL Advanced Planning and Scheduling enables a smooth transition from existing planning systems to lean planning. Built on the widely deployed Microsoft® .NET technology platform, the solution features an advanced software architecture that is reliable, scalable, and easy to implement and manage. Our customers are able to achieve dramatic results quickly—results such as increases in on-time performance by up to 99 percent and reductions in overall inventory, lead times, and makespans by 50 percent or more. Infor ERP SL Advanced Planning and Scheduling provides everything you need to be the lean, agile organization you want to be.

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