

Infor ERP^{LN} planning and manufacturing

“ With Infor, we can organize manufacturing processes more transparently and plan production more effectively. ”

DR. JAN MEIER-KORTWIG, PROJECT MANAGER AT SIEMPELKAMP



Be enterprising.

Keep your promises and you will keep your customers. Not an easy task in today's manufacturing environment, where globalization, collaboration, and differentiation of end products make it more challenging than ever to manage your supply chain effectively. Your manufacturing operations have to respond to new business opportunities and changing customer demand, and that requires real-time information to support your plans for what to manufacture where, and how to source the raw materials. At the same time, you have to keep your promises to your company, too, operating a lean environment that increases throughput and reduces costs. You need Infor™ ERP LN—a powerful solution that keeps your supply chain moving, so you can keep all the promises you make.

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. This experience is built in to Infor ERP LN. Our solution offers:

- *Unmatched visibility.* We provide a holistic view across demand and capacity, so you gain control of the entire customer lifecycle.
- *Planning and production flexibility.* Our solution consolidates multiple planning methods into one application, to make your forecasts more accurate and to help you meet your lean manufacturing goals. Our solution also supports a wide range of manufacturing modes.
- *Collaborative production planning.* Distributive planning capabilities enable your plants and suppliers to collaborate

on detailed production schedules that increase utilization and reduce waste. What's more, you can depend on our solution to manage daily job planning, so you can put greater focus on the growing need for exceptions management.

Get business specific.

Infor ERP LN is designed for manufacturing excellence from one end of the supply chain to the other. You can schedule multiple projects and estimates in parallel against resource availability, helping you reduce costs and improve response time. And because the solution supports multiple manufacturing modes, you have flexible options for ensuring you meet customer demand. With embedded support for a wide variety of manufacturing processes, including make-to-stock; make-to-order; configure-to-order; engineer-to-order (with or without project-based control); just-in-time (JIT) manufacturing and materials control; and lean operations, ERP LN offers more manufacturing process capabilities than any other manufacturing ERP system.

Our solution provides for cumulative order lead-time calculations and planning horizon updates; resource order planning; automatic rescheduling; fixed delivery times; and both scenario-dependent and batch-generated aggregation relations. The system also pinpoints bottlenecks and alerts operations when customer

requests cannot be met. It offers reasons for the delay, an overview of the situation, and resource intervention recommendations, making it easy to weigh alternatives for item, warehouse, plant, and split deliveries, and even to repeat queries with different parameters.


Infor ERP LN provides support for:

- *ATP and CTP*—One of the strongest features of our solution is full available-to-promise (ATP) and capable-to-promise (CTP) functionality. Once an order is confirmed, the system automatically reserves the capacity and materials, and forwards the order parameters for inclusion in the production plan.
- *Estimates and Bidding*—Using our solution, you can develop estimates with work breakdown structures, including multiple parallel versions if necessary. You can easily access historic estimates, budgets, and projects. But the greatest value comes with our solution's ability to turn estimates into proposals, and once accepted, into executable project plans with budgets.
- *Engineer and Build-to-Order*—"Unit effectivity" enables exception handling during production, reducing the overhead that comes with management of customized items. In sourcing, for example, the system gives you much greater flexibility in handling components from different suppliers without the need to create different item numbers. Because this concept has been implemented throughout the application, it enables light configuration of products, so small variations related to customer specifics can be entered on the sales order, managed in production, stored in the as-built structure, and updated in the after-sales stage.
- *Release Management/Purchase and Sales Schedules*—For manufacturers with high-volume supply, the process of creating sales and purchase orders for each supply not only creates significant overhead, but also allows little or no collaboration in the supply chain. We solve the problem. With comprehensive support for long-term contracts and day-to-day collaboration, our solution lets you send and receive planned supply for long- and medium-term demand, as well as firm orders and call-offs for immediate supply. The system supports the full supply loop of sending and receiving orders, planning production, dispatching goods with a notification of the shipment by ASN, and receiving the ASN and shipment with corresponding invoicing and billing.
- *Assembly with JIT Supply*—Our solution includes functionality for mixed-model, flow-line assembly that is



used in the truck, automotive, and aerospace industries, among others. This unique feature supports single-piece production of highly configurable products on an assembly line, ensuring that the assembly parts are delivered just in time during production. Based on notification that an assembly step is complete on a certain line station, the system triggers JIT supply from a supplier. The assembly part can be called off, and all the information can be given to the supplier so that assembly parts are delivered in just the right sequence.

- **Product Variants Management**—Our solution offers flexible product configuration. The product structure is traced through the complete product lifecycle (as-designed, as-planned, as-built, and as-maintained). We also support reference designators and engineering change orders by reference designators, as well as approved manufacturers and manufactured part numbers. This system also supports tracking and tracing of serialized items in high-volume environments.
- **Engineering Change Order Management**—You can easily change management procedures for updating the product structure, production process, and product pricing as listed in manuals and other documents.
- **Project Management**—We provide increased visibility into the scope, work breakdown structure, and organizational breakdown of your projects. Top-down, time-phased, and bottom-up budgeting, contract variations, and activity and resource planning are included, as well as requirements planning, cost and commitment handling, forecasting, and extensive monitoring on different levels, such as earned value management and progress invoicing. This helps eliminate unnecessary setups and minimize waste.
- **Subcontracting and VMI Collaboration**—Our system provides web-based access that securely incorporates input from internal and external parties, including your customers and suppliers, to provide you with a platform for vendor managed inventory (VMI) and collaborative production, forecasting, and replenishment (CPFR).
- **Alternative Material Planning**—If a shortage of a standard material threatens a delay in a production order, ERP LN can select up to nine alternatives for any material in a BOM.
- **Order Pegging**—By recording the source of demand requirements on which planned orders are based, ERP LN enables you to trace requirements for a given product component from the end item, customer, or project level. You can use this information to analyze planning problems and evaluate corrective actions.
- **Manufacturing Stages**—The solution lets you graphically create and manage groups and priorities for use with

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capacity planning, so you can analyze scenarios in which the product mix changes.

- **Allocation Management**—ERP LN helps you link and manage demand and supply, taking into account flexible allocation rules. The result? In times of short supply or excessive demand, you can still fulfill customer priorities while balancing your profit goals.

See results now.

Infor ERP LN, like all of Infor's products, has industry-specific functionality built in to reduce the need for customization; speed implementation time; and deliver ROI that you don't have to wait for. From the very first day, you'll see immediate benefits. An easy-to-use interface and role-based homepages and dashboards support fast searches and extensive drilldowns for faster productivity and decision-making.

You'll develop accurate plans that meet your goals while taking into account such constraints as least cost, least changeover, and inventory limits. You'll be able to facilitate plant-to-plant scheduling and keep all your sites working toward common goals:

- Reduced costs and improved planning
- Maximized throughput
- Improved customer service
- Improved on-time delivery and performance
- Increased productivity and shortened cycle times
- Increased utilization
- Rapid time to value

Infor ERP LN is the perfect choice for enterprising organizations that want to make the right promises to customers and fulfill those promises every time.

About Infor.

Infor delivers business-specific software to enterprising organizations. With experience built in, Infor's solutions enable businesses of all sizes to be more enterprising and adapt to the rapid changes of a global marketplace. With more than 70,000 customers, Infor is changing what businesses expect from an enterprise software provider. For additional information, visit www.infor.com.

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