



Supply Chain Planning

100% Visibility



ADEXA GIVES YOU NEW INSIGHT AND CONTROL:

- Cost of goods sold
- Days in inventory
- Days sales outstanding
- Fixed asset utilization
- Revenue growth
- Direct material cost
- Manufacturing equipment utilization
- Plant utilization
- Warehousing utilization
- Transportation equipment utilization
- Order to invoice lead time
- Fulfillment accuracy
- Cycle time by channel
- Order fill rate
- Customer turnover
- Promotion success
- Overtime premium
- Order size by channel
- Closing percent by channel
- Inventory write-offs
- Burdened direct labor

THE CHALLENGES YOU FACE

Manufacturers with sophisticated discrete or process operations -- those with multiple plants, inventory locations, and alternate suppliers -- know how difficult it can be to synchronize volatile supply and demand factors throughout the supply chain. Sudden changes in customer demand and supply disruptions can leave once solid MRP plans in tatters. You need to minimize overtime, optimize plant utilization, avoid parts shortages, and streamline production lines -- all while responding to changing demand patterns on a daily or weekly basis.

How will you rise to these strategic challenges and achieve an optimally synchronized multi-tier supply chain to successfully fill every individual order? Adexa can show you how to make the most of your current resources, fill the most orders, and achieve the greatest level of profitability and customer satisfaction.

THE ADEXA SOLUTION FOR SUPPLY CHAIN PLANNING

The Adexa solution for Supply Chain Planning is a constraint-based system that uses a comprehensive, inter-enterprise-wide model to synchronize supply with demand across the entire resources of your supply chain. With Adexa, you can create a calibrated plan that encompasses procurement, shipments, manufacturing, and customer delivery. It uses forecasts and customer orders at the "product family" level or at the end-item level to improve constraint-based production planning, rough-cut capacity planning, and master scheduling.

Adexa also helps you create plans to satisfy final assembly scheduling and multi-plant processing, and identify and prioritize exception conditions. Collectively, Adexa solutions for supply chain planning enable manufacturers to identify imbalances, capacity bottlenecks, and material shortages, and quickly adapt their schedules when unexpected events arise anywhere in the supply chain.

THE ADEXA VALUE PROPOSITION

With Adexa-powered solutions for Supply Chain Planning, you can establish detailed models of your supply chain networks to ensure feasible and reliable execution of plans across the enterprise. This highly scalable solution gives you maximum responsiveness in volatile planning environments. Best of all, you enjoy unmatched scalability and speed as well as accuracy.

Now, you can reduce inventories by optimizing all supply chain activities and increase your responsiveness through shorter planning cycles. Your capacity and inventory are used to their fullest extent so you can fill all orders when they are truly needed.

- Create accurate constraint-based plans quickly
- Reduce excess inventory, excessive overtime, and excessive open work orders
- Shorten lead times
- Maximize fixed-asset usage and throughput
- Gain new visibility into production capacity
- Easily handle changes in customer demands
- Allocate equitable inventory across customers
- Choose the right alternate sources of supply

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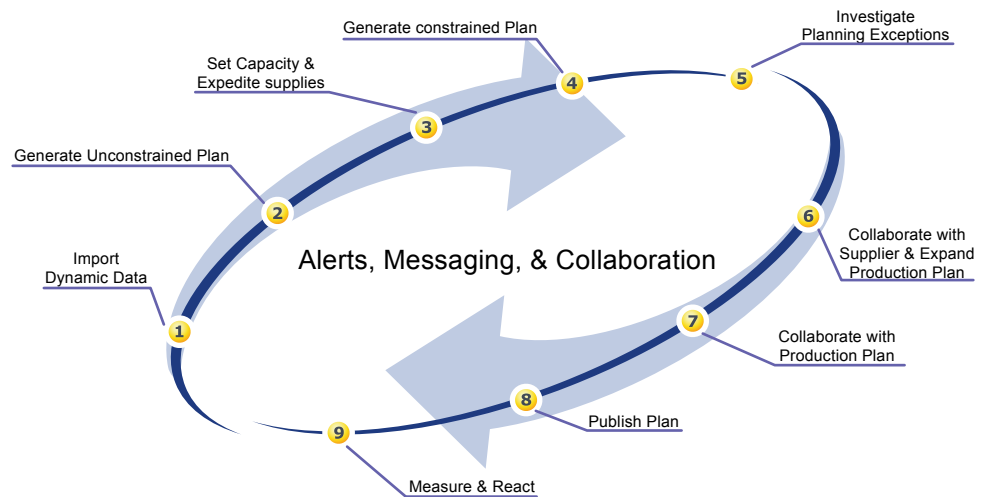
Europe

Germany

Asia

Japan
 South Korea
 Taiwan

Figure 1. Supply Chain Planning



Adexa delivers solutions that synchronize corporate planning with operations planning and execution on a local and enterprise level, to ensure all assets are utilized to achieve strategic objectives. This enables manufacturers to reduce the cost of goods sold, shorten lead-times for orders and reduce inventory costs with improved supply chain collaboration and management. Real Solutions...Measurable Results.

