

# SUPPLY CHAIN PLANNING

**Synchronize enterprise-wide production, supply and demand**

**Manufacturers face escalating supply chain challenges. They have decentralized their operations and shifted production to different cities, states and even countries in an effort to reduce costs. They must deal with shrinking product lifecycles and simultaneously cope with increasingly demanding customers.**

As these trends fragment manufacturing operations, manufacturers face a fundamental, competitive need to reduce costs, eliminate inventories, and link their production and procurement activities more tightly with actual demand. They need a solution that enables them to account and plan for enterprisewide demand.

GLOVIA G2 Supply Chain Planning enables manufacturers to synchronize enterprise-wide production and supply with enterprise-wide demand. The solution allows manufacturers to aggregate total demand and centrally plan for the production capacity and supplies required to satisfy that demand. Supply Chain Planning consolidates sales, production, inventory and purchasing information to help companies become more demand-driven and actually manufacture items based on real demand.

In today's demand-oriented market, to optimize and integrate sales and logistics and then incorporate that data into the production schedule in a timely manner is absolutely critical. GLOVIA G2 Supply Chain Planning delivers substantial benefits to manufacturers enabling them to:

- Increase responsiveness to market changes
- Improve visibility into aggregated demand, enterprise-wide production and supply
- Reduce inventory levels
- Improve customer service and on-time delivery performance
- Optimize supply to meet demand profitably
- Lower inventory, distribution and transportation costs
- Increase demand forecast accuracy with compressed planning cycle times

## **Move Planning Closer to Demand**

Supply Chain Planning helps manufacturers increase responsiveness by shifting the planning process closer to actual demand. Manufacturers can then synchronize production and procurement activities with actual demand more effectively and in the process lower costs, decrease inventory levels and improve customer service.



By synchronizing internal and external supply chain processes, GLOVIA G2 Supply Chain Planning helps manufacturers transform themselves into demand-driven organizations, flexible enough to respond quickly to changes in the market.

## **Total Demand Visibility**

Supply Chain Planning increases manufacturer's visibility into enterprise-wide demand by aggregating forecasts and sales orders created by customers and local sales offices into one, comprehensive demand stream. This demand stream can be organized in a wide variety of ways – by corporate entity, customer, customer type, product family, or end - tem - to allow corporate planners to see when, where and what kind of demand is being generated.

This enterprise planning solution provides users with complete visibility into aggregated demand through a single, easy-to-use screen. Planners can adjust this demand based on the historic accuracy of the various demand streams.

### Enterprise-wide Planning

Supply Chain Planning provides visibility into demand and also allows manufacturers to determine the optimal way to fulfill that demand based on available enterprise-wide supply and production resources. From the same screen, planners can see the production and inventory required to meet demand in user-defined timebuckets. Supply Chain Planning allows users to drill into demand details to see how supporting production and supply plans were created as well as to make any changes necessary to meet the demand or achieve business objectives more effectively.

This ability to plan production and procurement activities centrally against aggregated demand is essential for manufacturers who wish to realize strategic business objectives such as cost reduction or improved responsiveness.

The enterprise planning capabilities of GLOVIA G2 enables manufacturers to allocate demand intelligently to the most appropriate production facility based on lowest manufacturing cost or available resources, including capacities and inventories, transport costs and lead times from facility to customer.

Supply Chain Planning ensures that manufacturers optimize their production and procurement activities on an enterprise-wide basis. The module enables planners to allocate demand to individual factories for further planning and fulfillment.

### Support for Global PSI Planning

Supply Chain Planning provides full support for Global PSI (Production, Sales, Inventory) planning commonly used by leading electronics and high-volume manufacturers. The solution contains a global model of production resources and inventory that can be used to fulfill demand. The Global PSI model is created from multiple Local PSI models generated from the production planning or materials planning systems in use at each factory.

### Key Capabilities

GLOVIA G2 Supply Chain Planning provides advanced capabilities for manufacturers including:

- Accurate visibility of demand across product lines, geographies and customers by aggregating information from multiple sources
- Accurate visibility of enterprise-wide production capacity and supply requirements
- Optimization of key activities within a manufacturer including production, procurement and distribution
- Multi-tier, multi-enterprise planning collaboration between trading partners