



ADEXA

## ENTERPRISE GLOBAL PLANNING SYSTEM



Increasing market fragmentation. Long “dirt to shirt” cycles. Volatile product lifecycles. From textiles and apparel to footwear and accessories, soft goods industries are under pressure to lower costs, improve margins and increase profitability at every point. Your response:

### Adexa eGPS for Soft Goods



#### Accelerate Lead Times

Compress planning and production cycles based on greater precision and responsiveness in demand planning and much greater transparency of information throughout your supply chain.

#### Reduce Inventories

Hedge against inaccurate forecasting in volatile markets by making your entire supply chain leaner, more responsive, more reliable; reduce total inventories including raw materials, WIP, model stock inventories and finished goods.

#### Consolidate Planning

Establish a common language for capturing demand and supply information and feeding decisions directly to varied enterprise and shop floor systems.

#### Improve Capacity Utilization

Automatically communicate front-end demand changes to allow responsive re-allocation of back-end resources.

#### Enable Collaboration

Deliver better information faster through the “virtual supply chain” so trading partners can plan and execute proactively to help you reach your goals.

#### Improve forecasting accuracy and resource utilization. Increase agility in response to consumer needs.

Demand for finished goods is driven by fickle consumer tastes and transient fashions. At the same time, markets continue to raise the bar for instant availability, lower cost and assured quality. Brand leaders must shorten lead times and achieve much greater reliability in meeting market demand to be effective in feeding consumer appetites with novel designs and highly targeted branding strategies. At the back-end, manufacturers and contractors are pressured to keep the industry profitable by optimizing their inventories, capacity and lead times while they proliferate a skyrocketing number of SKUs across multiple markets through diverse supply sources. Adexa Enterprise Global Planning System (eGPS) shows you the way.

#### Increase planning accuracy with reliable demand forecasts

Planning processes are often at the mercy of conflicting demand signals from all kinds of sources, from historical data to third-party analysis. With the extraordinary problem-solving speed of eGPS, you can turn confusing signals into intelligent consensus forecasts that present a reliable picture of exactly what is required from the supply chain – and you can do it in real time. Greater precision and reliability in forecasting allows finer optimization of capacity plans in manufacturing and much better sourcing performance from end-to-end.

#### Stabilize and optimize inventories at every stage of production

In complex supply chains, small distortions in demand forecasts are magnified to extreme levels as each link compounds the error with its own safety margin. The catalyst for cascading errors is often the use of static tools or technologies not even intended for forecasting or resource planning. When actual orders arrive, the entire supply chain pays the cost of obsolete inventories, failed deliveries or missed sales. Ultimately, the result is wasted capacity and lost profit. With end-to-end supply chain visibility enabled by eGPS, each player has a clear view of what is really needed based on optimized production and sourcing information. With reliable optimized plans and information from eGPS, this visibility allows suppliers to produce, deliver and plan inventories with much greater precision, to moderate short-term distortions and to minimize waste as merchandisers adjust plans for seasonal stocks and promotions.

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### Adexa's Worldwide Locations

#### North America

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Toronto, ON

#### Europe

Germany  
United Kingdom

#### Asia

Japan  
South Korea  
Singapore  
Taiwan



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### **Synchronize capacity planning and sourcing across the “virtual supply chain”**

Establishing global resources across multiple industries and markets is one thing; optimizing them toward a common goal is another. eGPS has its roots in collaborative systems, so it's inherently suited to integrate with the varied systems. eGPS captures information from all sources into a single data model, providing a common language and a shared planning and sourcing platform for different management and shop floor applications — without replacing the systems you know. Whether your processes are geared toward retail merchandising, brand management or actual production of goods and materials, you're now in position to appreciate the full benefit of extended partnerships. As information gets updated and new decisions are made, eGPS communicates directly with existing MRP, ERP, logistics, and other related enterprise systems at any level in the supply chain. Everyone affected by any change is alerted instantly. So everyone keeps moving in the same direction, at the same speed.

### **Turn your supply chain into an interactive channel for collaborative problem solving**

Under traditional models, textiles and apparel manufacturers compete company to company and brand to brand. Now that outsourcing and specialization have fragmented processes, and collaboration is critical, brands and merchandisers compete supply chain to supply chain — all the way from fiber to customer. The ability to execute hangs on optimization of the entire “dirt to shirt” process. Plans have to reconcile not only hard constraints such as throughput rates, batch sizes, commodity prices and transportation logistics, but also consider soft constraints such as the value of customer priorities and the long-term consequences of delivery decisions. Recent trends such as “e-tailing”, CPFR and VMI strategies accentuate the need for even closer partnerships with suppliers. eGPS recognizes these trends by applying its collaborative technology base to make the “virtual supply chain” visible to all the players. This global view becomes a powerful tool for profitability. With waste and uncertainty drastically reduced, each link in the supply chain can do its part to stabilize supply, level pricing and target capacity to their most profitable products and customers.

### **eGPS for Soft Goods: Get there faster!**

#### **Before you make your next move, you should know exactly where you stand.**

With Adexa eGPS, you and your supply chain partners can have a clear picture of where you're going and your position right now as you move forward on your business objectives.

#### **eGPS points the way to more accurate planning and execution.**

eGPS enables a global view of supply and demand requirements, measured against constraints, to support smarter decision-making across the enterprise and throughout the supply chain. eGPS allows you to optimize production and delivery plans for speed and profitability, and communicate the plan to all parties involved in the process, from raw materials to the final customer. When exceptions emerge or new constraints appear, eGPS automatically updates the plan and alerts stakeholders to the new directions they need to take.

#### **Faster to Evaluate**

eGPS is built on a proven platform for adaptive modeling and large-scale collaboration that enables quick configuration to fit your business systems; you can evaluate eGPS by watching your actual processes in action.

#### **Faster to Implement**

All solutions in the eGPS suite, along with the corresponding data maps to support them, are pre-integrated so there's no time wasted patching together interfaces between critical functions.

#### **Faster to Solve**

Adexa's powerful optimization engine solves highly complex problems and scenarios in seconds where other solutions require hours or days to process. Fast solving also lets you generate more supply chain “what-if” analysis at any level of aggregation or detail.

#### **Faster to Respond**

Adexa delivers all its eGPS functionality on a single data model. While other solution providers are cobbling together disparate modules acquired from other developers, Adexa eGPS can meet new customer challenges with real market-first advances.

#### **Faster Return on Capital**

With its fast implementation cycle and rapid adaptation to the processes you already know and use, eGPS starts working with you sooner to realize the full potential of your total IT and resource investment.