



ADEXA

SOLUTIONS FOR AUTOMOTIVE



Intensifying global competition. Chronic overcapacity. Shrinking margins. Vehicle manufacturers and their suppliers are under pressure to improve Return on Assets at every point. Your response:

## Know exactly where you are and where you're going with eGPS



### Optimize Manufacturing

Plan, schedule and sequence production of complex components across multiple supply tiers

### Rationalize Capacity

Generate "virtual supply chain" models to manage varied global distribution channels

### Consolidate Planning

Establish a common language to communicate plans and update requirements across multiple enterprise and shop floor systems

### Accelerate Response Times

Monitor and update JIT planning with a real-time view of current activity and shop floor conditions

### Reduce Inventories

Deploy lean manufacturing and kanban strategies based on precise, responsive forecasting

### Before you make your next move, find out exactly where you stand with eGPS.

With eGPS, the enterprise Global Planning System from Adexa, you and your partners can finally have a clear picture of where you're going and what your position is 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. Now you can optimize production and delivery plans for speed and profitability, then 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.

### Promise and deliver more value to the customer. Optimize the assets and expense required to execute.

Consumers expect continuous innovation and higher levels of customization without delays in delivery. As OEMs turn their focus to managing brand values across increasingly complex and fragmented markets, responsibility for design, cost reduction and supply chain management is downloaded to suppliers. Partners and competitors are consolidating worldwide to increase flexibility, bringing even greater complexity to supply relationships and information channels. eGPS shows you the way to keep moving forward.

### Improve the reliability and timeliness of demand forecasts.

Forecasting is often at the mercy of conflicting data from all kinds of sources, from historical reports to third-party analyses to your own hunches about the market. With its extraordinary problem-solving speed, eGPS simplifies the conversion of complex demand signals into intelligent consensus forecasts that present a truer picture of exactly what is required from the supply chain. Then, based on comments from internal experts and new incoming data, you can update the forecast dynamically in real time. This improved demand intelligence means you can replace costly just-in-case stocks and capacity with more accurate planning and greater responsiveness to customer needs. Ultimately, you reduce the cost of inventories, expediting and overtime throughout the supply chain.

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### Adexa's Worldwide Locations

North America  
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Europe  
Germany

Asia  
Japan  
South Korea  
Taiwan



### Optimize manufacturing plans with responsive supply & demand intelligence

With real-time access to your full range of demand signals, supply sources, dependencies and decision constraints, you're now in position to rationalize capacity from a global perspective and develop plans to do more with less. eGPS provides the tools to recognize and manage the complex trade-offs involved in global distribution where OEM demand, supply and lead times vary within and across markets. Then eGPS helps you plan, schedule and sequence for both Just-In-Time and make-to-forecast commitments. Automated plans for materials and capacity are driven by rules that you can refine continuously and update in real-time to keep pace with actual order flows and shop floor conditions. So everyone keeps moving in the same direction, at the same speed.

### Turn your supply chain into an interactive channel for collaborative planning

Expanding your sources of capacity and supply is one thing; getting them work together is another. eGPS enables the two-way flow of both forecast and executional information across multiple supply tiers. It communicates plans directly to your suppliers to help them plan for JIT commitments, reverse auctioning, RFPs, VMI programs and pull system or kanban implementations. And it incorporates supplier feedback to keep plans achievable and up to date. Within eGPS, information from all sources is captured in a single data model, providing a common language and planning platform for different management and shop floor systems – without replacing the applications you know. eGPS can communicate directly with existing MRP, configurator, logistics and accounting systems anywhere within the enterprise, at all levels of the supply chain.

### Build the information infrastructure for lean manufacturing

Accurate demand planning is the foundation of lean manufacturing strategies. eGPS delivers the real-time consensus forecasting you need to minimize work-in-process inventories, plus the collaborative supply planning and demand leveling to fully optimize the JIT supply chain. The flexibility of eGPS enables agile change management to support continuous improvement processes and optimize capacity plans around unexpected bottlenecks. Reduced inventories mean waste has fewer places to hide, so processes can be fine-tuned to improve customer service and lower costs.

### eGPS: get there faster!

#### Faster to Evaluate

The proven collaboration platform underlying eGPS enables quick configuration to fit your business systems so you can see your actual data and processes in action before you buy.

#### Faster to Implement

All applications in the eGPS suite are pre-integrated and native to the Adexa environment, so there's no time wasted patching together interfaces between critical functions.

#### Faster to Solve

The powerful optimization engine at the heart of eGPS solves highly complex problems and scenarios in seconds where other solutions require hours or days to process. Fast solving also allows more accurate modeling based on the lowest possible level of detail.

#### Faster Innovation

Adexa delivers advanced functionality first because, while other solution providers are working on fixes to bundle disparate modules together from varied developers, our single core data model lets us focus development on adding real enhancements to eGPS solutions.

#### Faster Return-On-Investment

By implementing your solution with pre-integrated modules and adapting quickly to the processes you already know and use, eGPS starts delivering benefits sooner and earning dividends on your investment faster.