TRANSFORMING MANUFACTURING SUPPLY CHAINS

Master supply chain complexity with **advanced analytics** and optimized plans that **reduce risk, increase service,** and **boost profits.**

Discrete manufacturers leverage the GAINS supply chain performance optimization platform to overcome demand volatility and channel complexity, harnessing power previously available only to large enterprises – while avoiding endless IT projects. From accelerating S&OP to planning demand, optimizing inventory and synchronizing production schedules, manufacturers rely on GAINS for faster decision-making to deliver better service, maximize margins and minimize costs with less effort.

Our mission is to drive unmistakable business impact in as fast as 8 weeks, and relentlessly add value as your supply chain evolves. Automated configuration, out-of-the-box calibration and machine learning ensure your unique business needs activate optimal supply chain response. With the GAINS cloud platform, you benefit from continuous releases and the latest innovations without lengthy upgrade cycles.

With a 97% customer retention rate, GAINS offers a proven, rapid path to a new supply chain future. Manufacturers around the globe rely on the GAINS AI-driven solution platform to optimize supply, demand and production, driving increased sales, faster inventory turns, and improving cash flow and service levels while reducing operating costs.

MANUFACTURERS BENEFIT WITH GAINS

REDUCE INVENTORY **10-28%**

DECREASE STOCKOUTS **10-32%**

MINIMIZE FACTORY SETUPS **15-40%**

BOOST SERVICE LEVELS ABOVE **97%**

GAINS MANUFACTURING SUCCESS

QUBICAAMF

Leading manufacturer and marketer of bowling and amusement products

- Lowered active inventory by 20% in first 8 months
- Raised customer service levels from 91% to 95%
- Reduced back orders more than 80%
- Streamlined receiving effort by 45%

"The GAINS project provided one of the greatest ROI of any IT project in the history of the company."

GRACO

Manufacturer of fluid handling equipment

- Reduced finished goods inventory by 26%
- Raised complete in full orders rate to 98%
- Gained near real time visibility across the enterprise

"With GAINS enterprise-wide S&OP support, we reduced inventories and operating costs. We finally have capabilities for profit optimal analysis of both short-term and long-term scenarios."

WIX FILTERS

Manufacturer and distributor of automotive, diesel, agricultural, industrial and specialty filters

- Accelerated factory setups by 38%
- Reduced active inventories by 15%
- Decreased costs by over $2.5 million in under 12 months

"We dropped over $2.5 million to our bottom line in the first year. I was amazed at how quickly GAINS was up and running with our ERP solution, delivering financial benefits in 8 weeks."

Increased Agility. Optimized Plans. Bigger Margins.

Meeting customer expectations, dealing with channel complexity and introducing new products isn't easy. That's why savvy manufacturers rely on GAINS to optimize their end-to-end supply chain.

Continuously Optimize Multi-Echelon Plans

Driven by both independent and dependent demand, GAINS dynamically determines the profit-optimal stocking strategy for each SKU at every level in the Bill of Materials – from raw materials and components to finished items. The performance optimization platform accounts for delivery time goals as well as inventory and setup costs so customer service levels are achieved at the lowest total cost.

Maximize Profits with Sales & Operations Planning

S&OP links your business strategy to daily operations. The GAINS AI-driven solution continuously recalibrates demand and supply changes to cost-effectively boost customer service. Avoid stockouts or surplus inventory with continuous planning geared to moving your business forward faster.

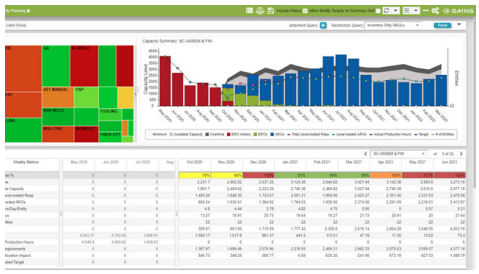
Optimize Production Schedules

GAINS ensures production policies, schedules, and setups are optimally synchronized to customer orders, considering all constraints, dependencies, errors, total costs, and business rules. The solution platform even optimizes inventory pre-builds vs. overtime for seasonal demand fulfillment.

Analyze Make-to-Stock/Make-to-Order Options

Our AI-driven solution platform dynamically determines profit-optimal tradeoffs between numerous inventory policy scenarios. Powerful machine learning abilities quickly evaluate tradeoffs for every production scenario and package-to-order option.

Increase service and reduce overtime with optimized capacity plans



Accelerate business performance with multi-echelon optimization

To **MOVE FORWARD FASTER** visit www.GAINSystems.com

GAINS Supply Chain Optimization Platform harnesses Artificial Intelligence for:

- **Dynamic Forecast Model Selection** that tests for plausibility and accuracy to provide an objective demand plan baseline and eliminate as much human bias as possible.
- **Dynamic Analysis of Supply and Demand for every SKUL** (SKU by Location) across the enterprise that considers all error sources including the variability in supply and variance from plan, to ensure precise Service Level attainment with greater confidence.
- **Profit-Optimized Inventory Policies** including replenishment order sizing and safety/service stock are calculated at the SKUL level, considering total annual cost, comprehensive error, targeted customer service levels, and all relevant dependencies and constraints.
- **Leading Indicator, Extrinsic Variable, and Viability Analysis** so that forecasts sense changes in demand and plans are not just a look in the rear-view mirror.
- **Multi-Echelon Inventory Optimization (MEIO) algorithms** that determine whether to stock items and at what service level. GAINS solves for interdependencies within the BOM and among locations to set inventory and postponement strategies while meeting customer expectations at lowest total cost.
- **Dynamic Production Optimization** automatically creates capacity and material-feasible Master Production Schedules that optimally sequence SKU work order requirements given change over costs, inventory carrying costs, and delivery goals.