Transforming Textile Supply Chains: How a Global Soft Goods Company Optimized Order Fulfillment

Challenge

This textile company was a long-term Logility client who experienced explosive growth during the pandemic. Their demand was high, and they needed a better way to prioritize orders while improving customer service with more efficient order fulfillment. Their team was spending too much critical time performing spreadsheet allocation activities. They sought a solution that would allow them to complete the "last mile" of their supply chain strategically.

Before Logility, the textile company had a complex and manual allocation process that required multiple people, was time consuming, and resulted in a high variable cost. The manual check process for inventory often led to missed opportunities for short allocation, and on average took over six human hours to complete. The team would need to run the order and inventory reports, and they would manually look up each item, allocate products to sales orders and check for product shortages before generating their pick list.

Solution

The **Logility Decision Intelligence Platform i**s a fully integrated, cloud-based solution suite that integrates planning and operations across the end-to-end supply chain. The textile company was already familiar with and using Logility solutions including Demand Planning, Supply Planning, and Inventory Planning. They moved forward implementing the Logility Deploy solution, which allows you to quickly determine available-to-promise, capable-to-promise an profitable-to-promise outcomes to keep shelf space full where needed.

Since the implementation of this project, Logility has upgraded the allocation and deployment solution to Intelligent Order Response.

Industry
Soft Goods

Headquarters
United States

Profile
Global performance soft goods company manufacturing durable textiles. With over 10,000 SKU's, they sell products into military, automotive, consumer goods, and more.

Intelligent Order Response

- **Intelligent Matching**: Uses AI to automate the alignment of demand with supply and inventory

- **AI-First Allocation Ranking and Resolution:** Leverages a learning system that tracks decisions, learns from them, and improves over time.

- **Accelerated Insights:** Empower decision-makers with conversational UX, guided workflow, and prescriptive decision recommendations.

- **Continuous Monitoring and Optimization:** Actively scans for imbalances, suggesting corrective actions with alerts and notifications.

- **Flexible Decision Support:** Offers prescriptive guidance that optimizes against varying business objectives with the option for manual overrides.

- **Complements Supply Planning and ERP:** Boosts effectiveness and closes the gap between planning and execution.

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Measuring Success

| decrease **manual human hours**	automatically **analyze and optimize**	decrease **made to order products**
50%	**Allocation Fit %**	**>30 days**

> "With Logility, we have an integrated planning platform that enables us to better serve our customers and grow our business efficiently."
>
> – Director of Planning

Results

After implementing Logility, the textile company fully automated their allocation process to occur multiple times per day. The automatic product allocations led to less inventory left behind. The company was able to define the rules for selecting and allocating products. The team would spend their time analyzing the results and making rule modifications for improved deploy runs in the future. With Logility, this allocation process is now a three-hour automated process.

The textile company has achieved many benefits including automation, consistency, agility & adaptability, scalability, ability to analyze and optimize allocation runs, and improved product allocations.
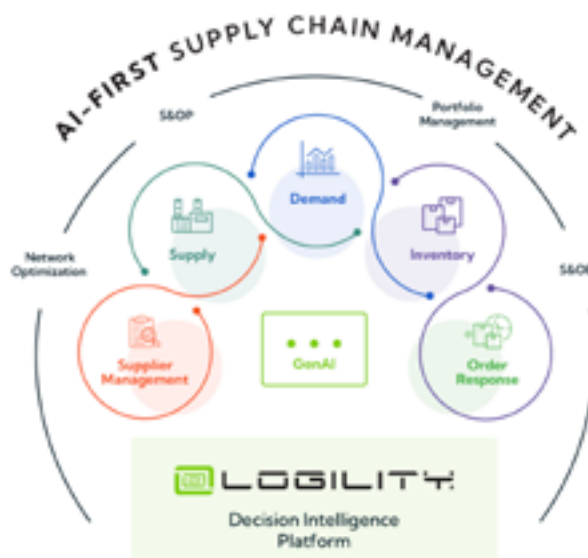
About Logility

Logility is a market-leading provider of AI-first supply chain management solutions engineered to help organizations build sustainable digital supply chains that improve people's lives and the world we live in. The company's approach is designed to reimagine supply chain planning by shifting away from traditional "what happened" processes to an AI-driven strategy that combines the power of humans and machines to predict and be ready for what's coming. Logility's fully integrated, end-to-end platform helps clients know faster, turn uncertainty into opportunity, and transform the supply chain from a cost center to an engine for growth. With over 550 clients in 80 countries, the company is headquartered in Atlanta, GA. (NASDAQ: LGTY).

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