

John Galt Solutions

Delivering World-Class Supply Chain Planning

As the dust settles on the COVID-19 pandemic, companies are scores ahead of where they were when the pandemic disruption began. Repurposed and reshaped supply chains stand ready to supply goods and services quickly, safely, and securely.

The pandemic shows that necessity really is the mother of invention. COVID-19 challenges

accelerated digital transformation in businesses across the globe. Leaders in the supply chain arena saw value in digitalizing business processes to cope with changing customer behavior and supply chain shocks and disruptions.

But transitioning from deeply rooted legacy processes to next-gen, tech-driven experiences came with administrative and compliance challenges regarding data privacy and security. The sudden surge

in data volumes combined with ongoing market volatility also hindered companies' ability to reap the full benefits of digitalization.

Businesses across sectors now put significant emphasis on boosting the agility and resilience of their operations by developing strategies powered by data-driven insights. In fact, a recent Gartner survey finds 87 percent of respondents plan to invest in supply chain resiliency in the next year, and 89 percent want to make their supply chains more agile.

But to gain agility and resilience, companies must revamp their existing supply chain infrastructure. Businesses need a partner that helps them digitally transform their supply chain and gives them the agility to make faster, and more confident decisions in an unpredictable world.

Enter John Galt Solutions, a Texas-based supply chain management company with an end-to-end planning portfolio that helps clients generate a digital twin (a virtual replica of a supply chain that models the real world) that connects with business systems and sensors and runs insightful simulations to improve agility and resiliency. Its Atlas Planning Platform provides an end-to-end model that is continuously in-synch with the entire supply chain and models real-world parameters helping companies get a more accurate view of what is really happening in the supply chain and model this against historical data and potential plans (e.g. capacities, demand or inventories) to predict the future.



Alex Pradhan

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Atlas helps companies' sense and respond better to market changes, collaborate up and downstream, and manage risk and uncertainty—even amid disruption.

“Atlas seamlessly links in real time to any data source and business system and enables companies to make the best and most optimal supply chain decisions based on their needs,” says Alex Pradhan, Product Strategy Leader at John Galt Solutions. The platform comprises several applications from demand, supply, inventory, production and scheduling, transportation optimization, and sales and operations planning; that enable businesses to provide end-to-end supply chain support. “Having end-to-end visibility across the supply chain is more important now than ever. Having one platform that can re-balance plans across the supply chain to maximize opportunities, reduce risk and boost profitability is critical in today's environment,” explains Pradhan.

Built on a flexible single data model, Atlas Planning Platform provides one integrated planning platform with flexible and easy to configure applications where business leaders can view and manage data from internal and external sources to drive enhanced

collaboration helping companies remove business silos and letting all users easily understand the outcomes of the plan. By synchronizing data, companies can align functions, break down siloes, and rapidly understand the outcome of their plans. The system gives them a holistic view of the trade-offs being made across the entire plan.

John Galt was also recently ranked a Leader in in the 2021 Nucleus Value Matrix placing the highest on usability features – a testament to the focus on end-users to help them intuitively navigate the platform and provide easy-to-interpret AI and machine learning. Pradhan further elaborates, “Atlas is a multi-enterprise, SaaS offering that links various processes within an organization and connects multiple value chain partners across the supply chain.”

Machine learning and artificial intelligence (AI) sit at the core of Atlas' unparalleled capabilities. Machine learning and AI continuously build intelligence to automate cumbersome processes and optimize the supply chain. For instance, the platform alerts supply chain personnel of imminent inventory shortages and automates re-ordering when product supplies run low.

Hundreds of companies worldwide have transformed and optimized their supply chains with Atlas. Leveraging the Atlas Planning Platform, the American Red Cross, was able to redesign its supply chain amid COVID-19 challenges and avert discontinuity of the US blood supply.

The American Red Cross's complex supply chain comprises 70 distribution centers and 20 manufacturing sites that collect, process, and deliver blood and blood-derived products with a very short shelf-life to healthcare institutions across the U.S. But the COVID-19 outbreak and resulting lockdowns disrupted its traditional blood collection program with over 25,000 blood drives cancelled.

The flexibility of the solution helped the American Red Cross align their sales and operations planning (S&OP) supply chain requirements to the design of their digital donor marketing campaign. By connecting the supply chain to their digital marketing, the American Red Cross was able to balance demand and supply by blood type through the release of targeted emails based on blood types.

John Galt Solutions plans to continue growing its IoT/sensor strategy and transportation and replenishment optimization capabilities. The company also continues to focus on enhancing the user experience and help end users seamlessly navigate their plans and detect bottlenecks that hinder supply chain efficiencies.

“We are focused on continuous innovation and partnering with our customers to develop next-generation technology that tackles real-world business challenges and provides measurable value,” concludes Pradhan. 