In manufacturing, a disruption is occurring that is blurring lines between digital and physical

As a manufacturing company, you are witness to the massive shift toward automation and data integration. Will your supply chain enable you to continuously adapt to the key trends that are shaping the industry:

**A Sharp Focus**

The top digital supply chain network initiative that manufacturers are focused on over the next 12 months is demand and supply planning and synchronization.¹

**Key Markets Support Growth**

56% of manufacturers said they have significant plans to enter a new geographical market in the next 12-24 months.²

**Global Internet of Things (IoT)**

Worldwide technology spending on the Internet of Things to reach $1.2T in 2022, attaining a CAGR of 13.6% over the 2017-2022 forecast period.³

When the importance of the decision requires the smartest analysis, innovative manufacturers rely on LLamasoft to show them trade-offs and options for how their supply chain should be designed to create desired business outcomes. The LLamasoft Digital Design and Decision Center puts powerful answers in the hands of supply chain decision makers - across strategic, mid-range and operational time horizons – making data-driven decisions a reality within and across supply chain functions. With the ability to visualize, simulate and optimize your end-to-end supply chain processes, you'll be able to answer the most complex supply chain transformation questions.
Supply Chain Design Makes a Difference

Manufacturing companies that proactively redesign their supply chains with LLamasoft can respond rapidly to changing market conditions and design their supply chains to balance the tradeoffs of profitability and service goals. Our manufacturing customers identify an average of 10.4% total variable cost savings while driving operational transformations – requiring new interconnected decisions across supply chain functions including:

- Network Design
- Transportation Optimization
- Inventory Optimization
- Capacity Planning & Risk Analysis

How are Global Manufacturing Companies Leveraging Smarter Supply Chain Decisions?

LLamasoft manufacturing customers include some of the largest and most innovative companies in the world. Here are the stories of manufacturing customers' achievements with LLamasoft solutions:

- An industrial minerals provider increased customer fulfillment by 3% through better allocation of existing production capabilities. The company worked with LLamasoft to evaluate the profitability of each order based on a near real-time snapshot of their current network. They used LLamasoft tools to consider their entire network instead of just individual orders when determining profitability. In addition, they gained more insight into unprofitable contracts because they were able to look beyond volume. As a result, the industrial minerals provider achieved their profitability objectives and increased customer fulfillment.

- A motor and electronics manufacturer reduced annual distribution cost by 14%. The company had grown by acquisition and worked with LLamasoft to investigate whether there were service and cost improvements possible by optimizing their end-to-end supply chain network. With the help of LLamasoft, they analyzed several cost savings areas including shipment consolidation, facility sizing, and freight spend. The results showed significant savings would be achieved by optimizing their distribution strategy, while also significantly reducing service and delivery times.