



**Where Operations and Supply Chain Engineering  
Curve Towards Optimal**



# BOTTOM LINE UPFRONT (BLUF)

Convexyn delivers engineered, data-driven consulting services to optimize your operations and transform your supply chain for sustainable growth. Our Industrial and Systems Engineering (ISyE) professional team provides a collaborative, hands-on approach, ensuring solutions uniquely designed for your business needs. Offering exceptional value compared to larger firms, we leverage technical expertise and end-to-end support to enhance operational efficiency, build resilient supply chains, and drive measurable results for long-term success.

# AGENDA

- What we do
- Why your company needs operations and supply chain consulting
- Common challenges
- Our consulting approach
- Our offering
- Why Convexyn
- Our team
- Next steps

# WHAT WE DO

## Business Operations Engineering

- **Process Optimization:** Streamline workflows and enhance efficiency using predictive modeling and dynamic programming.
- **Model-Based Systems Engineering (MBSE):** Identify interdependencies to improve system performance and reduce redundancies.
- **Data-Driven Insights:** Apply analytics and engineering methodologies for strategic operational improvements.
- **Continuous Improvement:** Implement systems like live KPI dashboards to monitor performance and drive ongoing enhancements.

## Supply Chain Engineering

- **Enhancing End-to-End Supply Chain Efficiency:** Optimize procurement, production, inventory management, logistics, and distribution to reduce costs and improve responsiveness.
- **Applying Advanced Analytics and Optimization:** Leverage industrial and systems engineering techniques like network optimization, simulation, and predictive analytics to design resilient and cost-effective supply chains.
- **Risk Management and Resilience Planning:** mitigate supply chain disruptions by implementing strategies such as supplier diversification, demand forecasting, and digital transformation using AI and IoT technologies.

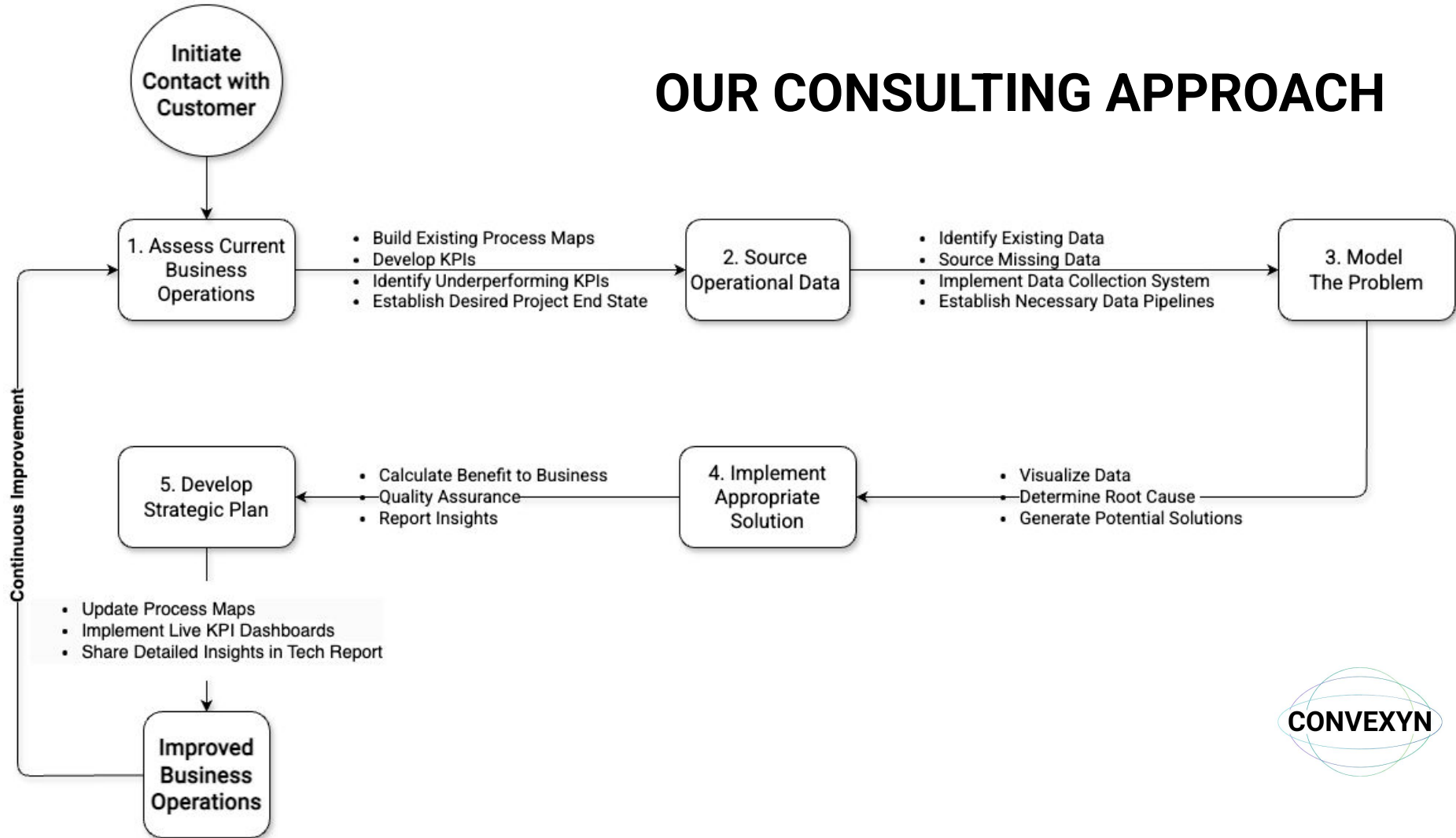
# WHY COMPANIES NEED OPERATIONS AND SUPPLY CHAIN ENGINEERING SERVICES

- **Combat Costly Inefficiencies:** Operational inefficiencies can drain up to 20-30% of profits. Operations and supply chain consulting helps businesses identify and eliminate bottlenecks, streamline workflows, and optimize resource allocation to maximize profitability.
- **Leverage Data-Driven Decision Making:** Industrial and Systems Engineers (ISyE) apply advanced analytics, modeling, and optimization techniques to enhance process efficiency, reduce waste, and improve supply chain resilience across various industries.
- **Achieve Tailored, Scalable Solutions:** No two businesses are the same. At Convexyn, we design and implement customized strategies that align with your company's unique challenges, ensuring measurable improvements in efficiency, agility, and long-term success.

# COMMON CHALLENGES

- **Demand forecasting and inventory management:**  
Businesses struggle to accurately predict demand, leading to excess inventory, stockouts, or inefficiencies in production planning. Poor forecasting can increase costs and reduce customer satisfaction.
- **Process bottlenecks and inefficiencies:**  
Many organizations face delays, waste, and underutilized resources due to outdated workflows, lack of automation, or suboptimal process design, which can reduce overall operational effectiveness.
- **Supply chain disruptions and resilience:**  
Global supply chains are vulnerable to disruptions from geopolitical events, natural disasters, and supplier failures. Companies need robust risk mitigation strategies, diversified sourcing, and agile logistics solutions to maintain continuity and adaptability.

# OUR CONSULTING APPROACH





# OUR OFFERING

**Process Optimization & Efficiency Improvement:** Identify inefficiencies, streamline workflows, and eliminate waste to boost productivity and reduce costs.

**Data-Driven Decision Making & Advanced Analytics:** Use predictive modeling, simulation, and optimization to enhance operations and supply chain performance.

**Supply Chain Network Design & Optimization:** Improve logistics, sourcing, and distribution strategies to cut costs and increase resilience.

**Inventory Management & Demand Forecasting:** Implement smarter inventory control and AI-driven forecasting to balance supply and demand.

**Risk Management & Supply Chain Resilience:** Develop strategies to mitigate disruptions from supplier failures, geopolitical risks, and unexpected events.

**Cost Optimization & Financial Impact Analysis:** Identify cost-saving opportunities while maintaining quality and service levels.

**Custom Consulting & Strategic Roadmap Development:** Provide tailored solutions and long-term strategies for sustainable success.



# WHY CONVEXYN

## 1. Personalized engineered approach

At Convexyn, we take the time to understand your specific needs, offering tailored strategies and dedicated support that large firms can't match. You'll work directly with our experts, ensuring a truly collaborative experience.

## 2. Exceptional value

Unlike large competitors with high overhead costs, we deliver top-tier consulting services at a fraction of the price, maximizing your ROI without sacrificing quality.

## 3. Comprehensive expertise

Our team of Industrial and Systems Engineering (ISyE) professionals combines cross-industry experience with innovative solutions, providing the same technical depth as larger firms with a more agile and adaptable approach.

## 4. End-to-end partnership

We're with you every step of the way, from analysis to implementation and continuous improvement, ensuring long-term success and a personal commitment to your business growth.

# OUR TEAM

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# NEXT STEPS

1. **FREE Initial consultation**  
Schedule a personalized session to discuss your business challenges, goals, and opportunities.
2. **In-depth analysis**  
Our team conducts a detailed assessment of your operations, identifying inefficiencies and areas for improvement.
3. **Tailored strategy development**  
We design custom solutions aligned with your objectives, leveraging data-driven insights and proven methodologies.
4. **Implementation and support**  
Work with us to execute the strategy seamlessly, with ongoing guidance to ensure measurable success and continuous improvement.

# THANK YOU FOR YOUR TIME



Please reach out with any questions:

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