



Struggling with the 9 S's of Supply Chain Bottlenecks?

Bottleneck

1. Supply Chain Fragility

Heightened by geopolitical tensions and tariff volatility, leading to unpredictable costs and disruptions

2. Sustainability Compliance Pressure

Difficulty in meeting varying global sustainability mandates while maintaining profitability and scale

3. Stalling smart shifts towards AI

Hesitancy or failure to adopt AI/digital tech

4. Siloed Data Across Tiers

Limited n-Tier visibility due to fragmented systems and lackof standardized data sharing with suppliers

5. Strategic Inflexibility in Logistics

Over-reliance on third-party logistics providers limits control and responsiveness in fast-changing markets

6. Stockpile Inefficiencies

Traditional MTS "push" models result in excess inventory, outdated stock, and misalignment with real demand

7. Suboptimal Customization Strategies

One-size-fits-all production fails to address regional demand variations, leading to wasted resources and lost market share

8. Systemic Cost Escalation

Tariffs, fuel prices, and carbon credits drive up total cost of ownership (TCO) across global operations

9. Supplier Risk Concentration

Lack of diversified sourcing due to complex tiered networks, creating bottlenecks when single suppliers fail

Solution

► Integrated Demand & Supply Scenario Planning

Develop personalized strategies to reduce working capital, such as enhancing forecasting accuracy and optimizing inventory, to mitigate rising costs.

► AI-Powered Supply Chain

By embracing an integrated, AI-driven supply chain, OEMs can operate with greater efficiency, adapt to uncertainty, and position their business for long-term success.

► Multi-Tier Visibility and Collaboration

Create enhanced visibility, reduce premium freight, and lower carbon footprint.

► Synchronizing Execution

Empower automakers to insource logistics for effective strategic collaboration, leading to improved control over logistics functions, reduced freight costs, and lower CO2 emissions.

► Configure To Order

Helping Auto OEMs to shift away from the traditional MTS "Flood the Zone" approach and holding 60 days of inventory to a Hybrid "Push" and "Pull" model based on Configure-to-Order for various powertrains (Hybrid, EV, ICE, etc.), cutting excess inventory and freeing up capital for BEV initiatives.

► Sales & Operations Planning and Execution

Enable end-to-end, connected, and responsive digital supply chain twin with synchronizing decision-making across volume planning, mix planning, slotting, sequencing, and detailed scheduling.

► In the shifting landscape of Automotive supply networks to compete effectively, Automotive OEMs need a synchronized, end-to-end supply chain that ensures resilience, agility, and cost optimization at every level of the network.

