

Business Solutions for Digital Supply Chain Operations

Drive supply chain resilience across the extended enterprise

Digitizing the supply chain has become a top priority for supply chain leaders who must predict and mitigate risks and volatility while leveraging the ecosystem for strategic growth. Gartner® analysts have coined the term “Command Centers for Supply Chain” and detailed the necessary digital capabilities for resilience and agility.



ParkourSC's digital supply chain operations platform, a command center solution, enables businesses to overcome data and organizational silos to achieve transparency, alignment, and orchestration across the end-to-end supply chain — from order collection to sourcing and manufacturing and the delivery of finished goods – and all stages in between.

Order & Demand Fulfillment

Common Challenges

- Back order processing due to backlog of unfulfilled demand
- Lack of order visibility to manufacturing and procurement
- Availability of critical raw materials with long inbound lead times

Drive Profitable Revenue Growth

- Predictive insight into orders, better ATP to customers
- Automation and decision intelligence to orchestrate processes across data silos and the ecosystem
- On-the-ground execution signals aligned with plans and other systems

Typical Outcome

- 10-15%** Improvements in revenue and margin
- 10-20%** Increase in Perfect Sales Order
- 8-10%** Reduction in Order Fulfillment lead time

Inventory Performance

Common Challenges

- Shelf-life / obsolescence, increased inventory write-offs
- Growth in inventory latency, increased costs
- Redundant movement at premium freight, transportation spend

Right-Size Inventory

- Continuous visibility into changes in lead times
- Real-time insights and predictive inventory monitoring
- Automated business rules and collaboration to avoid excursions
- Optimize warehouse storage and shipping scheduling

Typical Outcome

- 10-20%** Improvement in inventory turns
- 10-12%** Reduction in inventory carrying costs
- 6-10%** Reduction in manufacturing cycle time

Source to Manufacture

Common Challenges

- Bottlenecks due to lack of visibility for long lead time items, like critical raw materials for packaging
- Lack of visibility to supplier capacity beyond Tier 1
- Production schedule adherence due to non-availability of raw materials

Improve Operational Efficiency and Schedule Adherence

- Adjust operations by monitoring and predicting shifts in supplier risks
- Predictive model of supplier capacity based on history and market insights
- Automate workflow processes and business rules to orchestrate the ecosystem

Typical Outcome

- 15-20%** Improvement in purchasing productivity
- 10-15%** Reduced strategic sourcing costs
- 5-10%** Spend reduction

Logistics & Distribution

Common Challenges

- Lack of visibility for inbound transportation, due to lack of data sharing, no real time tracking capability
- Siloed shipment legs, shipment lane variabilities, disconnected processes, fragmented data across 3-4PLs
- Lack of synchronization between shipping schedule and warehouse storage

Enable Visibility and Efficiency

- Determine preemptive action using ground truth signals to alleviate and address excursions
- Reduce expedites and improve carrier performance
- Reduce number of rejects, excursions, improve quality and compliance
- Automation and collaboration for labor efficiency

Typical Outcome

- 5-10%** Reduced expedite costs
- 5-10%** Improvement in route and lane performance
- 4-8%** Improvement in product quality compliance

Sustainability, Quality & Compliance

Common Challenges

- Lack of ESG framework for compliance leading to detrimental environmental impact
- Lack of ESG compliant capabilities that impacts logistics and asset management
- Reactive asset management and process improvement

Leverage Compliance for Business Growth

- Track ESG activities and KPIs for supply chain operations
- Detailed asset-level data to drive compliance proactivity
- Reduce waste via asset management and AI
- Optimize transit routing to select best route based on emissions and other environmental impact criteria
- Monitor Green initiatives and gauge ESG impacts

Typical Outcome

- Internal controls, policies and frameworks improved
- Improved risk and compliance
- Enhanced governance and improved decision making

Supply and Demand Planning

Common Challenges

- Reconciling gaps between Strategic S&OP and bottoms-up operations plan
- Lack visibility to disruptive exceptions: planners spend time firefighting near-term issues
- Increased costs to manage near term exceptions: expediting shipments and adjusting production schedules

Enhance Resilience and Long-Term Supply Visibility

- Surface untapped supply planning insights early
- Proactively adjust plans and manage customer expectations
- Collaborate to resolve planning exceptions further out in the time horizon
- Re-run planning cycles more often
- Proactively address excursions using real-time ground truth data

Typical Outcome

- 5-10%** Improvement in revenue and margin
- 5-10%** Improvement in planning accuracy
- 4-8%** Improvement in inventory turns

Digital Customer Experience

Common Challenges

- Lack of transparency and visibility for external partners including customers and suppliers
- Data silos across legacy applications cause delays in order status
- Lead time delays due to speed of transactions

Deliver exceptional insights to customers for growth

- Deploy customer digital portal to enhance customer experience
- Leverage network effect of digital twins to proactively manage customer orders, schedule delivery to drive revenue
- Visibility into the end to end supply chain to proactively identify and manage issues
- Manage brand integrity with digital experience

Typical Outcome

- 10-15%** Improvement in revenue and margin
- 10-20%** Increase in Perfect Sales Order
- 8-10%** Reduction in Order Fulfillment lead time

COMPLIMENTARY ANALYST REPORT

Gartner® Innovation Insight: Supply Chain Command Centers

Plan your strategic roadmap to digitize supply chain operations



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