Make Perfect Orders

From End to End

Multi Party Orchestration Platform

MPO

A KINAXIS COMPANY

The Power of MPO

MPO offers the world's only natively unified cloud platform for supply chain orchestration. Built from the ground up to deliver seamless solutions with a single data model.
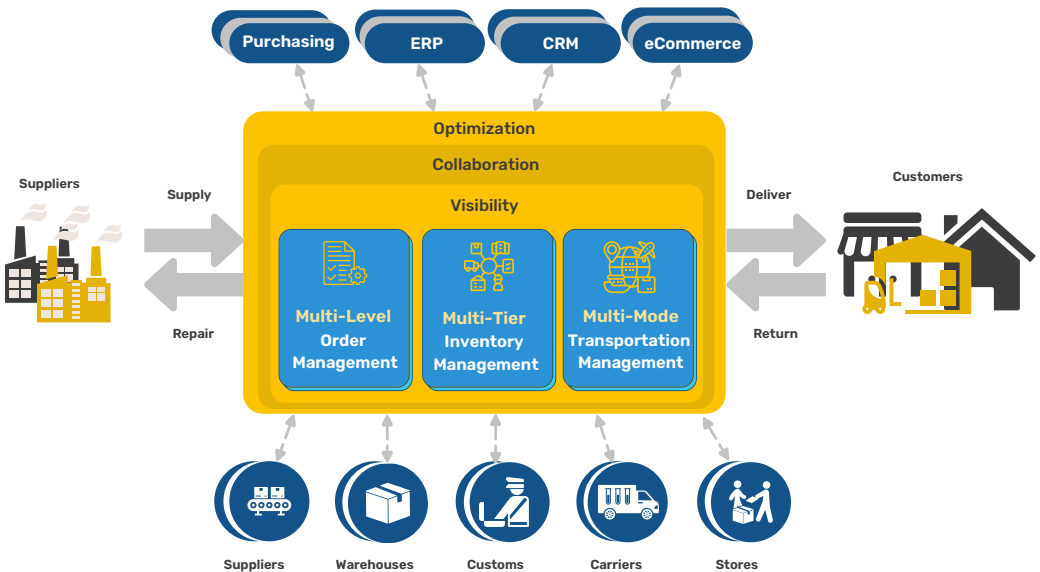
MPO uniquely enables companies to orchestrate inbound, outbound, and reverse flows across multiple parties in dynamic supply chain business networks. Through real-time analytics, planning, execution, and cost control, businesses can boost both customer experience and operational excellence.

The MPO platform is about **Making Perfect Orders** with rich and configurable solutions: Control Tower, Supply Chain Visibility, Digital Order Management, Transportation Management, Network Inventory Management, Returns Management, Spare Parts Management, and Supply Management.

At the heart of MPO is **Customer Chain Control**. For every individual **Customer** order, the MPO platform enables an optimized micro supply **Chain** through continuous, real-time **Control** over service levels, inventory, transportation, and costs.

The **MPO platform helps global, regional, and local manufacturers, distributors, retailers, and logistics service providers** - as well as their end customers worldwide - benefit from more service options, faster delivery, reliable performance, and lower costs.

MPO Multi Party Orchestration Platform

Control Tower & Supply Chain Visibility

Gain timely visibility into all physical flows; granular details, like constraints and service level expectations; and financial details at every touch point. Act on what you see and steer orders from directly within the app to ensure the most optimal and cost-effective movements across the supply chain.

Digital Order Management

Orchestrate omnichannel order fulfillment across a global network. Dynamically model B2C, B2B, and D2C flows to adapt and optimize based on cost, market, and other conditions. Automate everything from optimal inventory allocation to on-time and in-full delivery - while minimizing costs.

Transportation Management

Decompose orders into one or many shipments to optimize every route, carrier decision, and rush order management. Configure complex, multi-modal order flows, including parcel, that are easily modified. Ensure OTIF delivery with real-time status updates and in-app event management.

Network Inventory Management

Capture real-time inventory across multiple sites, hubs, suppliers, contractors, and other 3rd party locations. Generate replenishment forecasts, enable forward looking inventory projections, and optimize allocation planning to better match supply with demand.

Returns Management
Automate and streamline returns and advanced replacement flows, optimize transport and route selection with rating and labeling. Send timely updates across the supply chain. Get real-time visibility and cost control for outsourced depot activities, such as inspection, repair, and disposal.

Spare Parts Management
Gain visibility into all inventory and intelligent precision tracking for fulfillment across global and local suppliers, as well as national and regional depots. Capture serial numbers for re-stocking, refurbishing, and returns, and monitor compliance and regulatory requirements for every part.
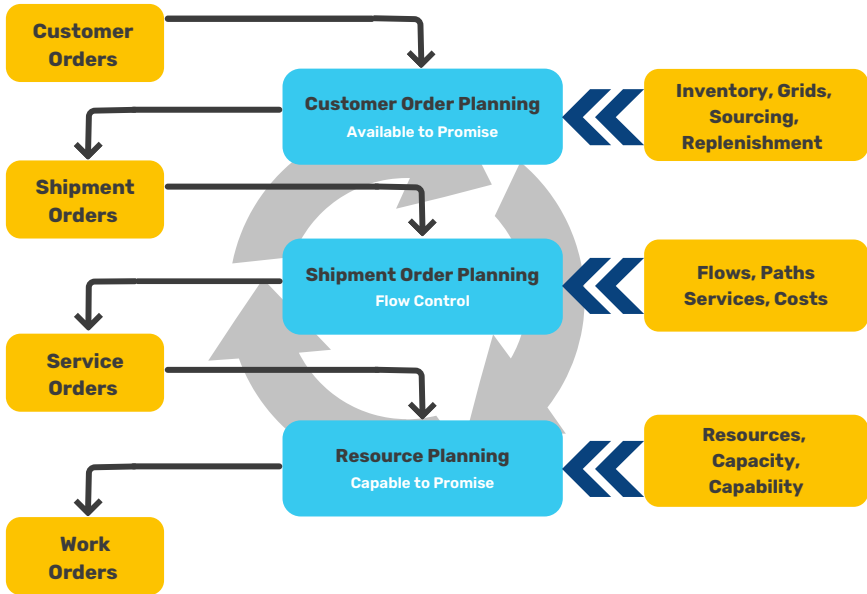
Supply Management
Update, validate, and confirm PO orders and optimize inbound shipment orders. Improve customer experience by minimizing stock-outs and boosting agility through better collaboration across suppliers and outsourced partners.

Sustainability Management
Plan and execute all order flows against the lowest carbon footprint and choose the most environmentally friendly way to handle returns. Include carbon footprint considerations in e-stores. Track and monitor real-time analytics on CO_2 emissions on all orders for continuous improvement.

MPO Multi-Level Order Management

Customer Orders

Customer Order Planning
Available to Promise

Inventory, Grids, Sourcing, Replenishment

Shipment Orders

Shipment Order Planning
Flow Control

Flows, Paths Services, Costs

Service Orders

Resource Planning
Capable to Promise

Resources, Capacity, Capability

Work Orders

MPO Customer Chain Control

Planning

Order Management
• Customer Orders
• Shipment Orders
• Service Orders

Inventory Management
• Stock Visibility
• Stock Allocation
• Stock Replenishment

Transport Management
• Multi-leg Planning
• Order Consolidation
• Carrier Selection

Capacity Management
• Resource Management
• Capacity Constraints
• Capable to Promise

Execution

Execution Monitoring
• Status Updates
• Order Visibility
• Progress Dashboard

Event Management
• Exception Management
• Milestone Control
• Alert Messages

Document Management
• Document Creation
• Electronic Archive
• Label Printing

Community Portals
• Customer Portal
• Supplier Portal
• Carrier Portal

Finance

Price Management
• Sales Agreements
• Price calculation
• Margin Calculation

Cost Management
• Purchase Agreements
• Cost Calculation
• Cost Allocation

Customer Invoicing
• Invoice Creation
• Invoice Approval
• Electronic Invoicing

Invoice Matching
• Invoice Validation
• Payment Approval
• Self Billing

Analytics

Business Intelligence
• Real-time Dashboards
• Interactive Reports
• Online Analytics

Performance Indicators
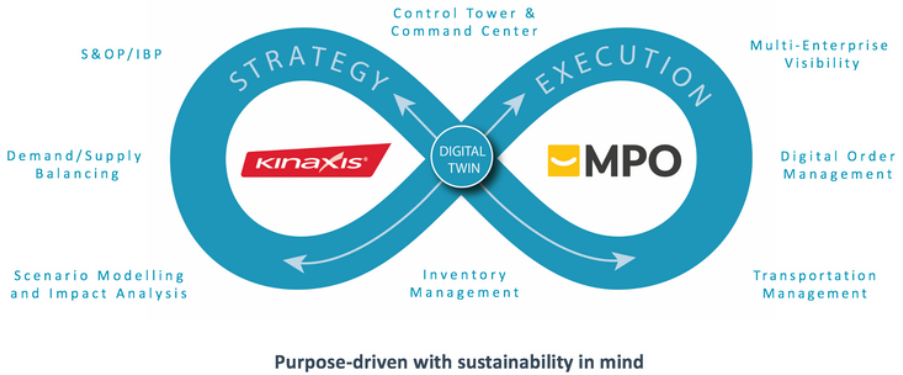• Service KPIs
• Operations KPIs
• Sustainability KPIs

Partner Performance
• Customer Performance
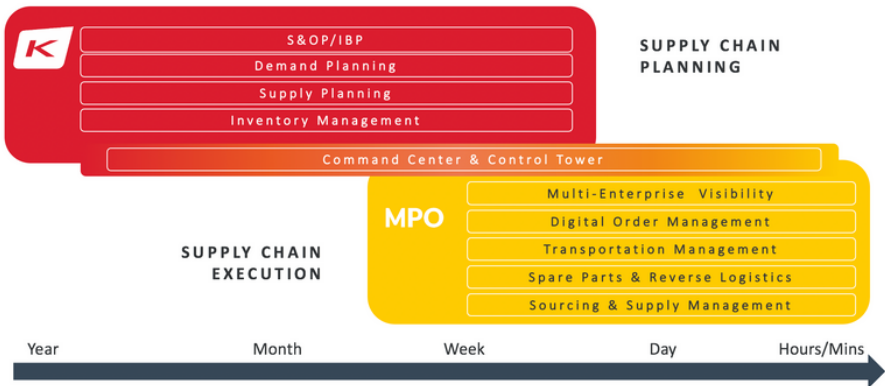• Supplier Performance
• Carrier Performance

Financial Analysis
• Revenue Analysis
• Cost Analysis
• Margin Analysis

Activate supply chain concurrency from planning through last mile execution

STRATEGY — EXECUTION

Control Tower & Command Center

S&OP/IBP

Multi-Enterprise Visibility

Demand/Supply Balancing

KINAXIS — DIGITAL TWIN — MPO

Digital Order Management

Scenario Modelling and Impact Analysis

Inventory Management

Transportation Management

Purpose-driven with sustainability in mind

Concurrency vision from planning through execution

	SUPPLY CHAIN PLANNING
S&OP/IBP	
Demand Planning	
Supply Planning	
Inventory Management	

Command Center & Control Tower

MPO

- Multi-Enterprise Visibility
- Digital Order Management
- Transportation Management
- Spare Parts & Reverse Logistics
- Sourcing & Supply Management

SUPPLY CHAIN EXECUTION

Year	Month	Week	Day	Hours/Mins

CONTACT US

US tel. +1 646 520 0841
EU tel. +31 10 290 0304

info@mpo.com
sales@mpo.com

www.mpo.com
blog.mpo.com

MPO helps diverse brand owners and logistics service providers embrace the increasing complexity of their global, regional, and domestic supply chains to become more flexible, agile, efficient, compliant, and reliable to their customers.