

Kinaxis Maestro™ certified solution extension

# Bring the power of transportation and load-building optimization to Kinaxis Maestro™

Kinaxis TLO is a Kinaxis Maestro™ certified solution extension developed, licensed and supported by 4flow. The solution enables Kinaxis customers to integrate transportation constraints earlier into supply chain planning and S&OP/OE processes. It brings transportation and load building optimization into concurrent planning, helping planners make confident, profitable supply chain decisions while improving efficiency, reducing freight spend and lowering carbon emissions.

The TLO supports improved material handling processes concurrently with Maestro sales and operations planning and execution (S&OP/OE) workflows and what-next scenarios. Its optimization algorithms are based on real-world constraints, including freight rates and actual transportation capacities, all for actionable planning results. Customers are able to reduce transportation and freight spend by preponing or postponing shipments to consolidate orders and create fuller, more efficient loads. As an added bonus, increased capacity utilization also means lower carbon emissions for greater sustainability.



# Powerful capabilities drive impressive results

Kinaxis TLO extends Kinaxis Maestro with advanced transportation load optimization capabilities that help organizations improve planning quality and transportation efficiency.



Reduce transportation costs by up to 20% with optimization of scheduled receipts



Guide your own optimization process with full transparency over the results and the ability to make manual adjustments



Maximize utilization rate of transportation assets by 10-20% by consolidating scheduled receipts



Ensure supply chain resilience and prepare for volatility by considering transportation constraints earlier



Improve process efficiency for planning and transportation by 8-12% with greater end-to-end transparency and flexibility



Foresee bottlenecks and reduce reaction time

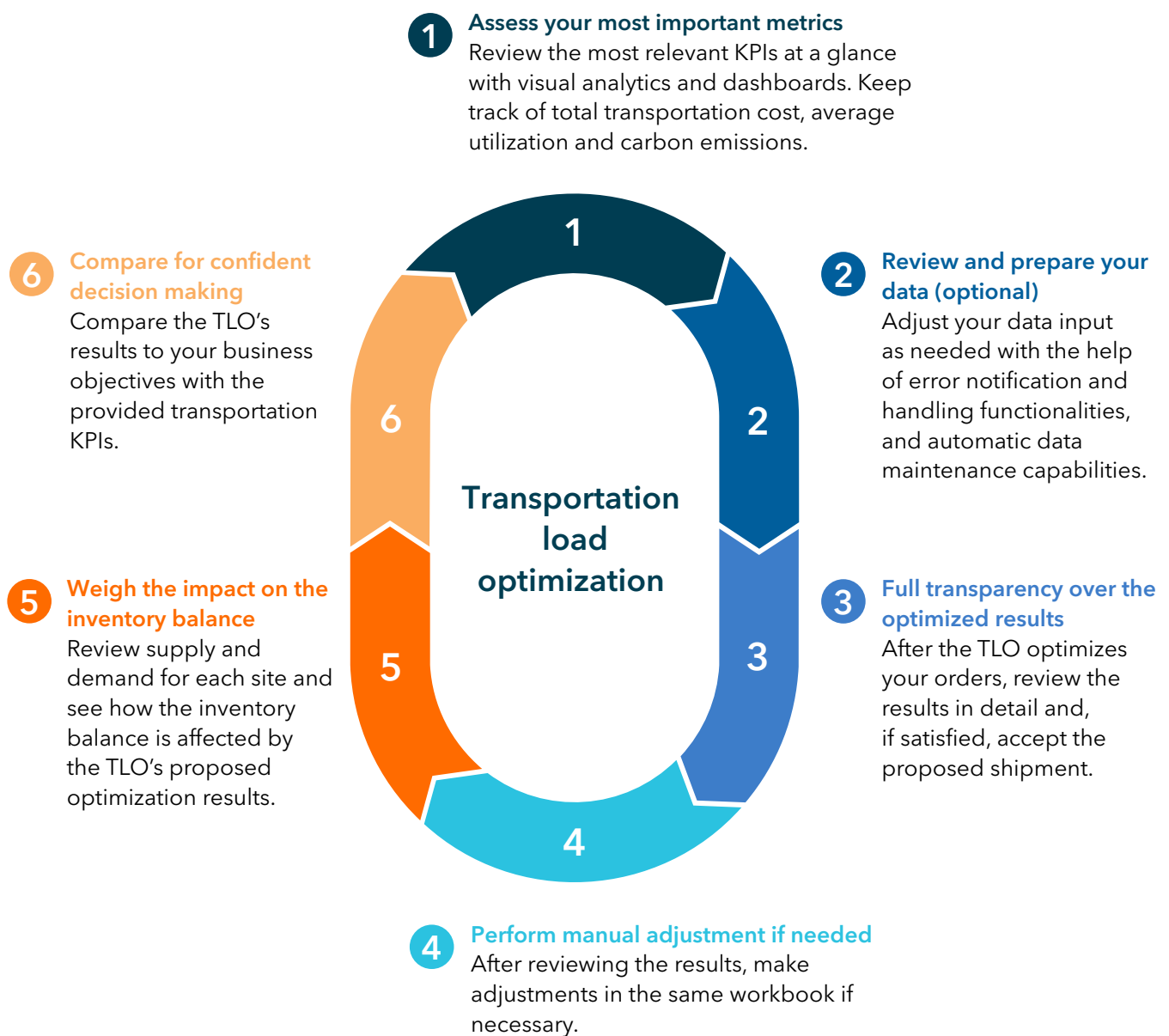


Reduce carbon emissions by more than 15% by optimizing your orders



# Transportation load optimization done differently

Integrating transportation factors into your S&OE processes has never been easier than with the Kinaxis TLO. Planners can use the TLO within Maestro as part of their material planning without transferring data or switching between software interfaces. The TLO runs in the background during planning and optimizes shipments without users needing to run an extra analysis. Plus, the application only requires a simple one-time step to enter master data and configure transportation constraints and planning parameters, making integration even more simplified.



# Gauge performance, no detective work required

Customization is great, but some options should just be standard. The TLO's built-in capabilities include:



## Data preparation

Error notifications, automatic data maintenance capabilities and the possibility to manually adjust data make reviewing and preparing data easy and quick.



## Analysis

Review the impact of the optimization results on demand fulfillment and inventory supply. Use the scorecard to compare different scenarios and make confident decisions.



## Planning

Optimize scheduled receipts into physical loads that can be shipped while considering real supply network aspects, including the mode of transportation, material availability, freight agreements, planning horizons and min/max utilization. The TLO gives you complete transparency and the option for manual adjustment, allowing you full control of the optimized results.



## Dashboard

Quickly analyze and compare the most relevant KPIs for your transportation lane at a glance: visualize the impact on total transportation cost in a selected time frame, the utilization average and the optimization potential for your site. Learn if some orders were excluded from the optimization and review the root cause to troubleshoot. Review and track the carbon emissions of your lane.



# Cross-functional collaboration

Responsibility-based, context-driven and completely mobile, smart collaboration in Maestro automatically shows you who to work with and delivers the details you need to make quick decisions right to your fingertips. The Live Lens capability gives users a real-time view of supply chain health and key business and supply chain metrics.



## Materials planner

The TLO lets you manage the detailed plan for components and raw materials required to satisfy the master production schedule, including analysis of any excess or obsolete inventory. Get a broader view by considering transportation constraints earlier.



## Supply planner

The TLO helps you gain a clear understanding of any transportation-based gaps or issues with demand forecasts, sales orders, material, capacity, shipments and other elements of supply. Have time to be proactive instead of reactive.

# The platform for concurrent supply chain planning

Take your integrated business planning and digital supply chain into the future. Eliminate silos, banish disconnected processes and say goodbye to outdated, static data with Kinaxis Maestro. With decades of in-depth supply chain expertise, the Kinaxis cloud-based platform and purpose-built planning apps use patented database, visualization and analytics technology.

Use Maestro to run one or more of the easily configured supply chain planning applications. Or build your own custom apps and algorithms right in the platform. Get the flexibility you want to create the digital supply chain you need.



# What's next on your supply chain journey?

Choose the path that's right for your organization. S&OP/IBP, demand, supply, inventory - start from anywhere and grow the way you want with optional industry-specific packages or enhanced planning add-ons. Maestro is easily scalable and delivers the capabilities you need to grow and succeed. We'll help you mature your planning processes wherever you happen to be in your supply chain journey.

## Revolutionize your planning with Kinaxis Maestro

Everyday volatility and uncertainty demand quick action. Maestro delivers the agility to make fast, confident decisions across integrated business planning and the digital supply chain. Trusted by innovative brands, Kinaxis combines human intelligence with AI and concurrent planning to help companies plan for any future, monitor risks and opportunities, and respond at the pace of change. Powered by an extensible, cloud-based platform, Kinaxis delivers industry-proven applications so everyone can know sooner, act faster and remove waste.

### About Kinaxis TLO

**KINAXIS®**

Kinaxis TLO is a commercially available solution extension for Kinaxis Maestro that extends concurrent planning with transportation load optimization capabilities. Developed, licensed and supported by 4flow, the solution helps organizations optimize transportation planning earlier in the supply chain planning process while leveraging the Kinaxis Maestro platform.

### About 4flow

4flow supports you with tailored supply chain solutions, from strategy to implementation and beyond. Proven in 25 years of successful customer projects, this end-to-end approach and digital innovation make 4flow a trusted global partner for supply chain transformation. For more information, please visit [4flow.com](https://www.4flow.com).

Contact us to learn how the Kinaxis TLO can extend your planning capabilities in Maestro

