

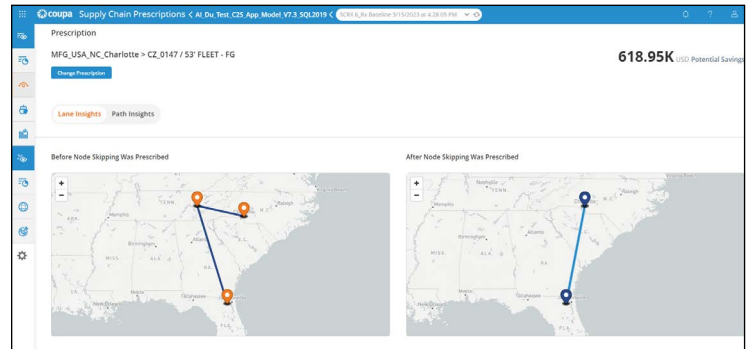
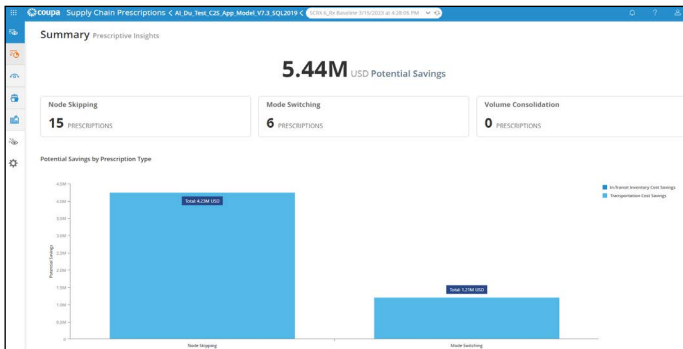
SUPPLY CHAIN DESIGN & PLANNING

Supply Chain Prescriptions

Leverage the power of AI to unlock hidden savings.

Artificial Intelligence to Amplify Human Intelligence

Coupa Supply Chain Prescriptions empowers supply chain modelers and business users to create better scenarios faster that generate significant business value, such as by reducing transportation spend. Utilizing network optimization data and cost to serve capabilities, Supply Chain Prescriptions helps you uncover savings hidden in your supply chain, even beyond your planners' sight, then recommends and prescribes scenarios you should consider to meet your supply chain's business goals.



Supply Chain Prescriptions Enables Continuous Supply Chain Design at Scale

The evolving complexity of supply chains has vastly increased the number of possibilities an executive has to consider while making supply chain decisions. They then have to communicate these decisions across functional teams within organizations, often with minimal lead time, in order to operationalize these decisions and fulfill objectives, such as saving costs, improving resilience, and so on. In addition to this complexity, the modelers running scenarios often have limited bandwidth.

As a consequence, supply chain executives have to limit the supply chain design initiatives they undertake, often leaving money on the table.

Supply Chain Prescriptions is the AI assistant for your supply chain. It prescribes opportunities in the supply chain, such as node skipping, mode switching and volume consolidation opportunities (within business constraints), so that supply chain modelers and business users can gain insight into cost drivers and proactively identify potential cost savings in the supply chain. Through Supply Chain Prescriptions, modelers can get insight into a prioritized set of potential scenarios they can run to further enhance their existing supply chains.

Key Value Areas

10-25 % Logistics Spend Reduction Including:

- Reduction in Transportation costs
- Reduction in In-transit inventory costs

Key Capabilities of Supply Chain Prescriptions

Incorporate Business Logic

Before running SC Prescriptions, modelers can set business logic to get more relevant prescriptions. Supply chain modelers can configure the prescriptions scenario analysis to exclude customer facing sites or critical nodes from consideration. Mode names are mapped to mode types for intelligent analysis of possible mode switch opportunities. Constraints can also be applied to avoid unwanted mode switch recommendations or volume consolidation recommendations that would otherwise create shipment frequency infeasibilities in the real world.

Identify Opportunities through Prescriptive Analytics

There are millions of combinations possible for adding lanes, changing modes or consolidating volumes - each change is a possible scenario. Supply Chain Prescriptions auto-recommends opportunities in a prioritized order based on identified savings value. Supply Chain Prescriptions estimates transportation costs for any new transportation flows based on heuristics and historical data coming from Network Optimization and Cost to Serve.

Conduct Root Cause Analysis through Diagnostics Analytics

Supply Chain Prescriptions provides supply chain modelers and business stakeholders key diagnostic analytics outputs in order to perform root cause analysis and validate the business feasibility of the prescriptions. The top network factors for each type of prescription based on decreasing or increasing transportation costs are identified. The summary of the network's characteristics such as costs, customer service, average touchpoints within the model, cost by mode, service by mode, and site level insights are provided for the network.

Leverage opportunities identified by Supply Chain Prescriptions in Supply Chain Modeler

Once your prescriptions are ready, they can be seamlessly exported to Supply Chain Modeler as well as Excel. When prescriptions are exported, a mapping occurs between the prescription and the Supply Chain model input tables. This automatic scenario and input generation activity can save hours of work for modelers who would otherwise have to enter these input changes manually.

“Coupa’s SC Prescriptions solution has the potential to uncover new transportation spend reduction opportunities while reducing the overall load for the modeler.”

Chris Hawke

*Director, Supply Chain Analytics/
Advanced Analytics*

