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Logistics Cloud

Transportation Cooperative Routing

Designed to address the growing need to more effectively manage all owned, leased and contracted transportation capacity in your logistics network, the Transportation Cooperative Routing capability of Oracle Transportation Operational Planning Cloud enables companies to strategically examine the use of carrier and fleet resources. It does this by identifying historical shipping patterns and determining optimal asset versus carrier allocation, while bringing visibility to potential continuous move opportunities.

STRATEGIC ASSET PLANNING INTEGRATED WITH OPERATIONAL PLANNING

Using break-through optimization techniques and new transportation planning thinking, Transportation Cooperative Routing analyzes shipment history and/or forecast data to recognize patterns in supply chain flow based on shipment geography, volume and frequency. The result allows logistics managers to identify and create a more effective plan for carriers, the fleet and other dedicated capacity. Cooperative Routing optimal fleet blueprint is used during the operational planning process, where resources are then assigned to actual shipments, helping to ensure that the plan is executed properly.

Transportation Cooperative Routing:

- Optimizes fleet utilization while simultaneously considering contract carrier costs and lane synergies
- Helps determine where to deploy fleet and common carrier assets
- Identifies continuous move opportunities based on shipment history or forecasts
- Integrates transportation operational planning and execution with strategic planning
- Can be used to discover untapped synergies across business units and enterprises
- Helps improve service levels on key lanes

Key Features

- Analyze shipping patterns and assign contracted, fleet and/or dedicated resources to the most effective routes
- Determine the optimal mix of private, dedicated, and contract capacity
- Determine optimal fleet sizing
- Allocate your fleet resources appropriately
- Identify the lanes in your network that can be packaged together for bidding

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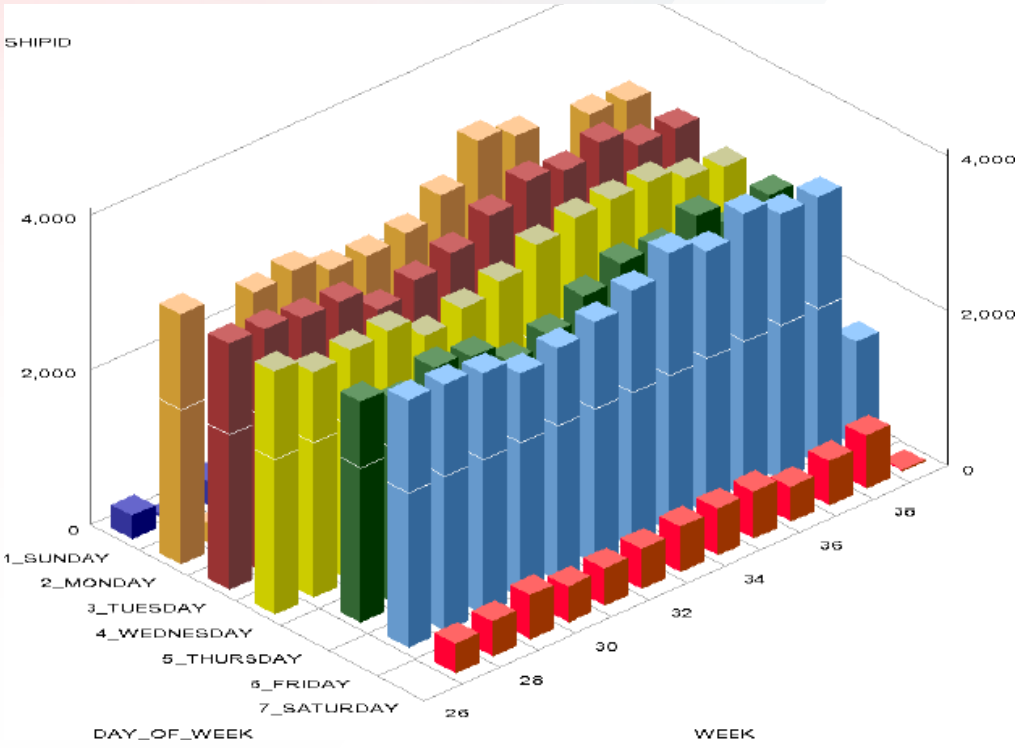

Figure 1: Aggregate lane volumes for historic shipping patterns to see optimal asset use.

INCREASE UTILIZATION, REDUCE COSTS, AND IMPROVE SERVICE

Being able to better analyze your shipping patterns and asset usage can result in increased utilization, in reduction of contract and fleet related transportation costs, and in improved service levels throughout the supply chain. You have the ability to:

- Convert contracted carrier lanes to private/dedicated fleet lanes
- Create executable continuous moves
- Reduce carbon footprint by building more efficient routes & minimizing empty miles
- Improve driver satisfaction by creating more predictable routes
- Improve customer service due to the stability created by repeatable routes

Key Business Benefits

- Lower transportation costs
- Reduce carbon footprint
- Reduce empty miles and fuel usage
- Improve asset utilization and network efficiency
- Increase predictability for carriers
- Increase carrier tender accept percentage
- Increase customer service levels
- Enable new avenues for supplier/customer collaboration

Related Data Sheets

Transportation Cooperative Routing is a feature of Oracle Transportation Operational Planning Cloud and the Oracle suite of Logistics Cloud solutions. Related data sheets include:

- Oracle Transportation Management Cloud
- Oracle Transportation Operational Planning Cloud
- Freight Payment, Billing, and Claims
- Transportation Intelligence
- Transportation Sourcing
- Oracle Fleet Management Cloud
- Oracle Logistics Network Modeling Cloud

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