

ISN'T IT TIME SUPPLY CHAINS WERE SMART AS WELL AS SIMPLE?

With the increase in globalization and supply chain complexity, supply chains need to be constantly evaluated and continually evolve to ensure resilience and competitiveness.

EXECUTIVE SUMMARY

CHALLENGE

A Japan-based chemical company hasn't reviewed its supply chain strategy for years. Performance evaluation showed an inefficient supply chain network, resulting in an underestimation of logistics costs.

SOLUTIONS

Yusen transport network modelling demonstrated the effect of optimization and facility positioning compared to the customer's current baseline. We also offered a range of 4PL & Lead Logistics Provider (LLP) Services to streamline the customer's business.

RESULTS

Using powerful simulations and modeling applications plus a clear understanding of the priorities of the customer, we were able to demonstrate the impact of optimization and facility positioning scenarios compared to the current baseline.

Option	Savings
Baseline	-
Optimized baseline	3.7%
2 DC Option	7.3%
3 DC Option	18.2%

DC = distribution center



18%

Reduction in cost if
considering 3 DC
option

OUR CUSTOMER'S CHALLENGE

A Japan-based chemical company hasn't reviewed its supply chain strategy for years and did not see any urgent need to redesign it, as they thought it was fit for purpose, from a service and cost perspective, and believed a review would not bear significant savings.

Our performance evaluation showed an inefficient supply chain network, resulting in an underestimation of logistics costs. It's time to build a smarter supply chain.



Possible Risks of not reviewing supply chain

Disconnected and untimely supply chain visibility, resulting in data silos

Increased operational costs and delays

Increased manual work and resources needed

OUR SOLUTION

Transport network modelling demonstrated the effect of optimization and facility positioning compared to the current baseline. We also offered a range of 4PL & Lead Logistics Provider (LLP) Services to streamline the customer's business.



Route Optimization

Lower total landed costs realized by establishing efficient routes that take advantage of our extensive Yusen global transportation network



Solution & Proposal Design

Created compelling, solution-based proposals to highlight experience and capability



Transportation Optimization

Analyzed historic transport data to identify opportunities and new efficiencies



Intelligence & Data Mining

Supporting business development through analyzing performance with data-driven insight



Asset Optimization

Used supply chain tools to confirm maximize return on investment

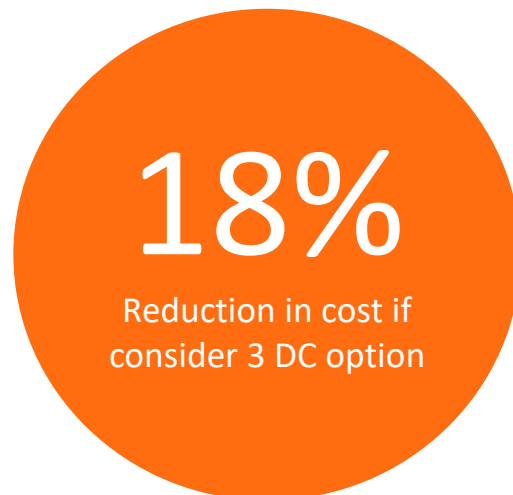
THE BENEFITS

Seeing the big picture of supply chain is key to success.

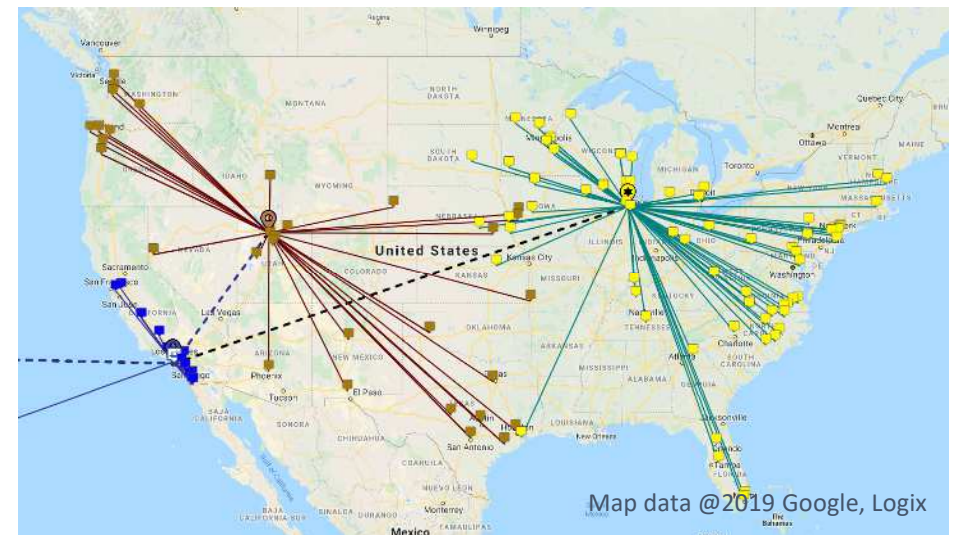
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- Presenting recommendations for number of facilities and locations, relative to cost and speed to market
- Rationalizing distribution in relation to demand
- Balancing inbound and outbound distribution
- Evaluating trade-offs between logistics costs, time-to-serve, carbon footprint, etc.



Customer's logistics network Mexico at destination