Moving the Nation's Medicine: Redesigning the Shipping Network of UPS Supply Chain Solutions

UPS Supply Chain Solutions Canada is a third party logistics provider specializing in the warehousing and transportation of healthcare products. The organization provides logistics services to hospitals and retailers across Canada. The project investigated whether UPS SCS would benefit from reallocating products to geographically strategic locations and determined the risks and cost benefits of adding additional warehouses to the network. Optimization and simulation models were constructed to verify that the proposed allocations will reduce costs, while maintaining the existing service and quality levels.

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