

CASE STUDY

Leading Canadian Retailer

NETWORK TRANSFORMATION



MAVENER



PROJECT OVERVIEW:

For over four years, a leading Canadian retailer partnered with Maveneer to execute a comprehensive transformation of its distribution network. This effort involved retrofitting picking, sortation, and storage solutions across multiple distribution centers, including the implementation of two goods-to-person systems with accompanying conveyance to improve service to stores, increasing storage density, and mitigate stockouts.

PROJECT BREAKDOWN:

Central Canada Distribution Center

Goods-to-person system and accompanying conveyance with:

27,000+ bin locations

86 robots

15 pick/induction workstations

enhancing order fulfillment efficiency and reducing labor costs.

Integrated Conveyor Systems:

Efficiently cutover 4 new conveyance systems and **seamlessly integrated** them with existing equipment and controls, ensuring smooth operational transitions.

Increased Storage Capacity:

Expanded the facility with an additional

9,500 pallet locations

utilizing VNA racking, optimizing space utilization.

Enhanced Sortation Efficiency:

Extended an existing sorter system:

14 new down lanes

significantly improving sorting speed and accuracy.

Seamless Implementation:

Successfully completed the entire project with

**NO
UNPLANNED
DOWNTIME TO
OPERATIONS**

ensuring continuous productivity.

PROJECT BREAKDOWN:

Eastern Canada Distribution Center

Cutting-edge **goods-to-person system** and **accompanying conveyance** with:

20,000+ bin locations

51 robots

11 pick/induction workstations

dramatically enhancing order fulfillment efficiency and reducing labor costs.

Expanded existing capacity by adding approximately

13,000 sellable locations

in a live production environment.

Designed and implemented an additional

1.4 M cubic feet of Very Narrow Aisle (VNA) storage space

storage space, optimizing warehouse efficiency.

Achieved a total fillable capacity

84% over the clients expectations

EXCEEDED BUDGET EXPECTATIONS, delivering substantial project savings to the client through Maveneer's Shared Savings provision.

HIGH-LEVEL RESULTS AND KEY METRICS:



**INCREASED
FACILITY
THROUGHPUT
BY 35%**

and expanded storage capacity by 57% on average across the network.



Successfully integrated two new automated systems and storage retrieval systems

**WITHOUT
DISRUPTING
ONGOING
OPERATIONS.**



Extended sortation systems and conveyor integrations with open-source logic with

**NO
UNPLANNED
DOWNTIME
DURING
TRANSITIONS.**



**ALL PROJECTS
EXCEEDED
BUDGETARY
EXPECTATIONS**

returning significant project savings to the retailer.



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