



Warehouse Layout & Flow Optimization

TriVista optimized the layout of a 50,000 sq. ft. warehouse for a leading consumer products company.

The Client

A leading, Private Equity Owned Consumer Products Company

Project Results

- Two week engagement delivered more than \$200,000 in annual savings
- Designed optimized facility layout and provided recommendations for racking options and installation

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Case Study

The Business Challenge

A private equity owned consumer products importer wanted to improve warehouse efficiencies, reduce material movement and improve product flow inside their new 50,000 sq. ft. facility. When the company was looking to transition from their current 4 facility campus to one single new warehouse nearby. TriVista was retained to design an optimized facility layout and make recommendations to improve product flow that would ultimately reduce movement, reduce labor costs and ease the transition into the new facility.

"I feel with TriVista helping us, I have replicated myself and they think just like I do. I'm very pleased with the results." - CFO, Company Confidential

How TriVista Helped

TriVista's team of warehouse operations experts led a focused, 2 week diagnostic and improvement project with warehouse management and the executive team. Using the DMAIC (Define, Measure, Analyze, Improve, Control) Process, supported by other Lean and Six Sigma tools, we were able to rapidly identify where the excess material movement was flowing. Once the issues were understood, costs were calculated. TriVista began to design an

optimized facility layout for the new warehouse. Upon completion of the optimized design, our team set up control mechanisms to ensure that warehouse management and personnel would be able to implement and sustain the improvements.

Our Impact

TriVista's client was extremely satisfied with the results. Our two week project netted more than \$200,000 USD in annual savings to the company and was hailed as a significant improvement to their current state.

In addition, we also delivered the following measurable results:

- Reduced people movement inside warehouse by more than 23,000 miles annually
- Reduced cumulative movement of materials in facility by more than 13 million miles annually
- Reduced container unloading time by more than 50 percent for all shipments
- Designed optimized facility layout and provided recommendations for racking options and installation



About TriVista

TriVista is a global management consulting firm focused on operations advisory to the middle market through Operational Due Diligence, Performance Improvement and Global Supply Chain Management. The firm has offices throughout the United States and China.

Contact Us

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