

Operational Efficiency Enhancement

VIP

VIP SOLUTIONS CASE STUDY

BACKGROUND

Our e-Commerce client was experiencing significant fulfillment disruption due to inefficient warehousing and operations. We were asked to assess the deficiencies in the operations and recommend solutions to enhance the capabilities of their fulfillment to meet 4th quarter peak demand.

OBJECTIVES



Design a location structure



Enhance and secure long-term efficiencies

SOLUTIONS



Implemented pick, pack, and ship lines, detected fast-moving and slow-moving SKUs, and implemented location control



Developed 2-bin Kanban for fast moving replenishment and re-organized slow moving SKUs to backup



Installed WMS to utilize bin locations, implemented bar code scanning, and executed physical inventory with locations



Eliminated slow moving inventory, introduced flow racking for bulk materials, and evaluated opportunity for high density carousel storage

**e-Commerce
INDUSTRY**

**25
EMPLOYEES**

**\$25M
ANNUAL
REVENUE**

**IMPLEMENTED NEW WMS SYSTEM
with Kanban quick-pick bins that effectively informed reorder
requirements to maintain an efficient warehouse**