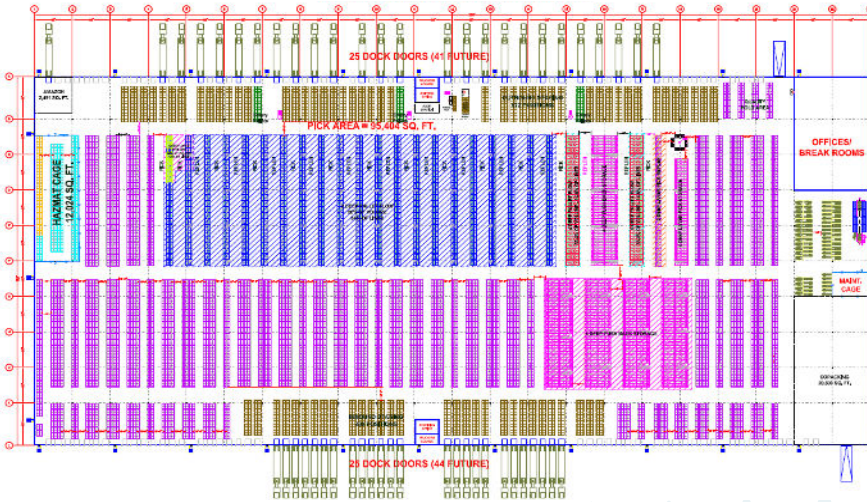




## Case Study/Distribution

# AN ENGINEERED APPROACH TO CREATE AN IMPROVED WAREHOUSE LAYOUT AND OPERATIONS SOLUTION



A distributor of over-the-counter healthcare and household cleaning products introduced a new facility to their supply chain network. The operation focused on picks in case and pallet quantities:

### OBJECTIVE

They sought out Kenco to determine the most efficient and effective workflow considering all warehouse activities. Using complex data, we began developing an efficient operating model.

### OUR SOLUTION

We recommended a two-sided facility with reserve rack storage, case pick racking, a high-volume pick zone, and automation for layer pick activities. An engineered operational layout that provided an efficient flow of material. We increased the depth of the inbound and outbound staging bays to match a trailer size in rows, and widened cross aisle to allow for effective turning radius, making the operation more efficient.

### BENEFITS

The improved flow of the product resulted in a reduction in manpower and equipment needs - a full 5% reduction of headcount. The automation of layer pick eliminated the need for 12 personnel.



**5% REDUCTION OF HEADCOUNT**



**INCREASED DEPTH OF STAGING BAYS TO MATCH TRAILER SIZE**