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## **Need:**

- ✓ Consolidation of distribution centers increased demands on warehouse staff
- ✓ Customer needed to find an alternative shipping method to reduce costs
- ✓ A solution was required that could do more with less staff
- ✓ Space was critical and a reduction of on-site inventory was also necessary



## Solution:

- ✓ Changed carton design from a standard shipping carton (RSC) to an auto lock bottom carton (ALB)
- ✓ Reduced the number of cartons required for shipping customer SKU's from **15 to 7 cartons**
  - Optimized the size
  - Incorporated a multi-depth
- ✓ Developed a **vendor managed inventory program**

## Benefit:

- ✓ ALB cartons assemble at a **4:1 ratio** compared to RSC cartons
- ✓ ALB cartons require **1/2 the carton sealing tape** of a RSC carton
- ✓ Consolidated sizes reduced the number of pallets required in customer inventory
- ✓ Warehousing program further reduced customer inventory

EXAMPLE (2 ITEMS)	Annual Tape Required	Annual Hours Packing
2 - Standard Shipping Carton	\$3057.00	1,222
1 - Auto Lock Bottom Carton	\$1529.00	306
Savings	\$1,528.00	916 * \$7.25 = \$6,641.00
<b>Cost Benefit</b>	<b>\$8,169.00</b>	