

## Project Overview: PALLET FLOW CONVEYING SYSTEM

Reduced touch-points between receiving and manufacturing stations

### The Brief

PeakLogix partnered with a global equipment manufacturer to increase efficiency of fulfillment by designing and integrating a custom gravity pallet flow conveying system for various weight and capacity requirements.

### Scope of Work



- ▶ Installed 13 lanes of 70' long gravity flow conveyor to feed products from receiving to manufacturing areas.
- ▶ Some incoming palletized products are transported via AGV Carts to the manufacturing destination; while some product is hand-picked from pallets at the discharge end of the system.
- ▶ Three sizes of products weighing 150 to 850 lbs. are being transported.

- ▶ Speed controllers were added to provide more resistance and slow the pallet speed.
- ▶ Added textured rollers in specific locations to better control product movement.
- ▶ Pallets are indexed at the end of the line and can be removed before releasing the next pallet.

