

Case Study – Deconsolidation Center

■ Purpose/Scope:

- Analyze the layout of the Deconsolidation facility for flow through, process validation and delivery sequence/timing
 - Poor flow for **Inbound Material**
 - Poor location, size for **Repack, Sequencing Process** (circled area)
 - No **Crate Breakdown, Quality Check** or **Dollie Staging** area
 - Inconsistent **Aisle Widths**
 - No **Manpower Allocation**
 - Poor Location for **Empty Container Staging, no Cleaning**
- Track and remedy export packaging defects.

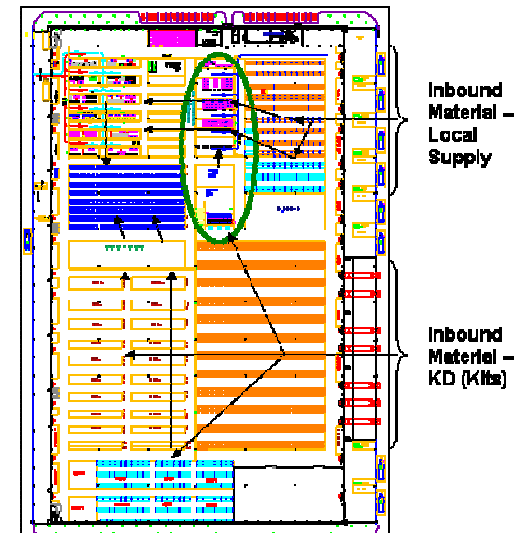
■ Results:

- Team members **improved facility flow 28%** by rearranging small lot and bulk unpacking and kitting areas.
- All **24 Critical Packaging issues** were resolved with new containers, dunnage or transport methods/handling.

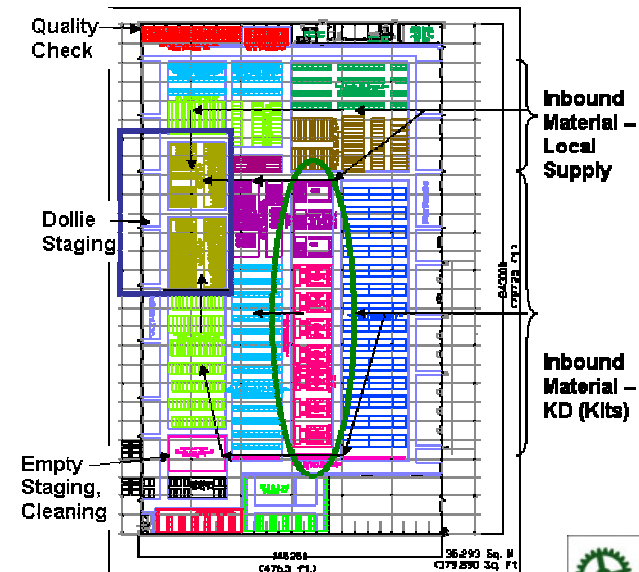
■ Recommendations/Benefits:

- Straight-line (flow thru) for **Inbound Material**
- Central location, adequate size for **Repack, Sequencing Process** (circled area)
- Large Waste **Crate Breakdown** area (Magenta color)
- Out of the way **Quality Check** area (Top, Red)
- Large Bulk and Tote **Dollie Staging** area
- Consistent, standard **Aisle Widths**
- Estimated **Manpower Allocation**
- Out of the way but good Location for **Empty Container Staging & Cleaning**

Before:



After:



Case Study – Consolidation Center

■ Purpose/Scope:

- Redesign the Consolidation facility to accommodate 4 more models for export overseas.
- Improve material flow and repack processes.

■ Results:

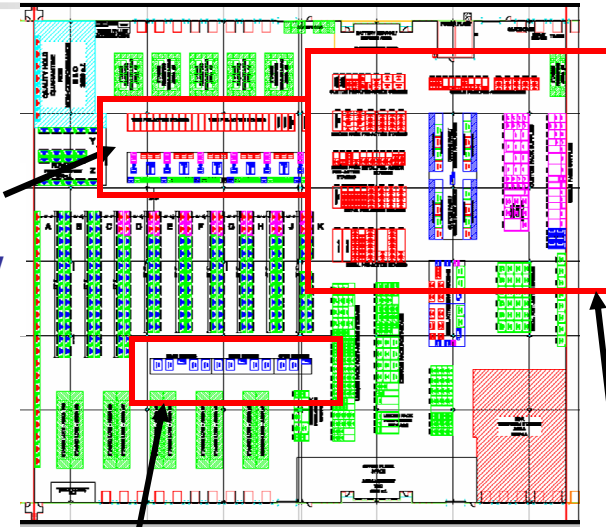
- Team members worked with warehouse managers to develop a layout to house and process/package 4 additional models - **49% more product**.
- Redesign of processing areas improved **receipt and repack operations by 25%** for the increase in product.
- Redesign of case build and packaging storage allowed **quick, easy access to cases** for export

■ Recommendations/Benefits:

- Optimized use of space.
- Better processes using less labor.
- Improved traffic flow

Before:

Improved,
Increased
Receiving/
Repacking



After:

Central
Case
Build

More
Storage
Space

