

# Service Parts – Industrial Equipment Facility Design & Launch Review

## Business Case:

Review the facility design of a newly designed facility, which had been operational for 12 months, with the intent of identifying opportunities and provide recommendations for DC2 design considerations which was currently underway.

## Approach / Solutions:

### Facility Design Layout

- Core design and placement of storage zones for continues flow and efficiency.
- Methodology used to establish zone placement.

### Facility Zone Design

- Operating areas in close proximity to storage area to supports continuous flow

### Operations Synchronization (JIT)

- Tools placed appropriately to visually track volume against a target volume.

### Launch Planning

- Phasing of suppliers, operations management, warehouse personnel and customers.

### Selection, Training and Development

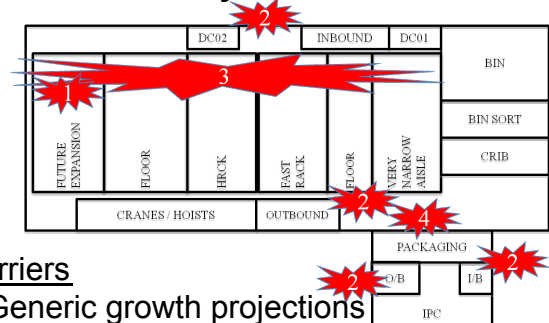
- Warehouse selection, training and development approach and methods.

## Summary:

### Recommendations:

Co-locate docks on same side of building; Separate Packaging from Separate & Allocation activities; Consider storage by supplier within zone level criteria, Reassess placement of shared growth space; Consolidate dock and IPC hoists; Convey inbound and outbound material to/from zones; Automate train trailer pick up and drop off.

## Current State Layout



### Barriers

1. Generic growth projections
2. Multiple dock operations
3. Placement of future growth within the building and with zones
4. IPC flow / process and supplier and operational alignment contribute to inefficiency

## Notional Layout Image

