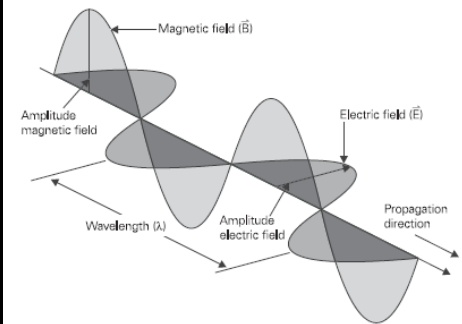# RFID Enabled Distribution Center

Passive RFID

Logistics Applications

Large Warehouses and Distribution Centers are looking to have:

- Fast & Accurate Stock Taking
- Enforce strict rules for the storage and transfer of pallets
- Eliminate discrepancies between Software and Physical Inventory
- Minimize Out Of Stock
- Accurate location data of stored pallets
- Accurate and fast order picking
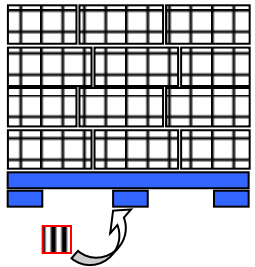- Accurate Historical Information

Solution:
The Business Effect RFID DC Solution
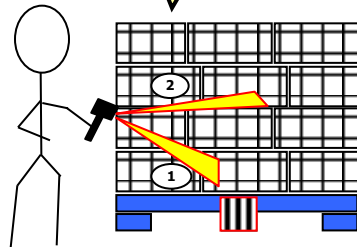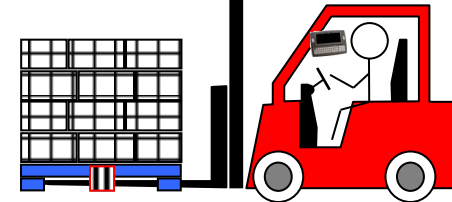### https://www.youtube.com/watch?v=ekynQX8oiAU
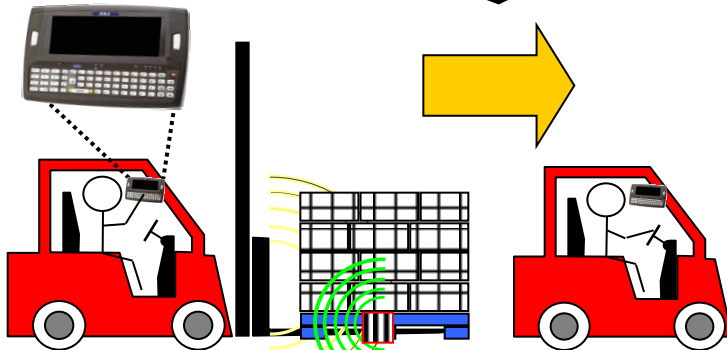
Pallet Storage

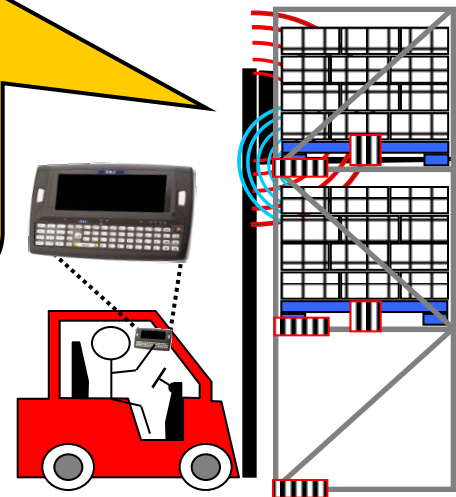1. Placement

Of RFID Label

2. Optional step

3. Pallet receipt and immediate RFID tag interrogation by FLT

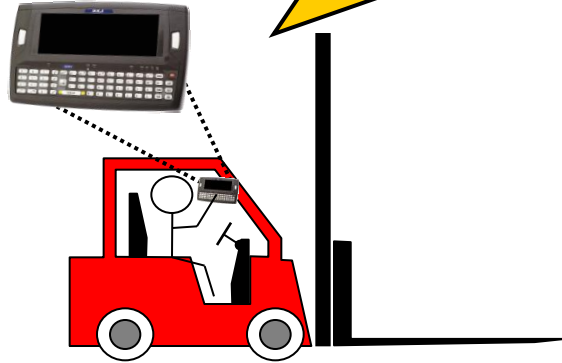4. Guidance by WMS to the appropriate storage rack

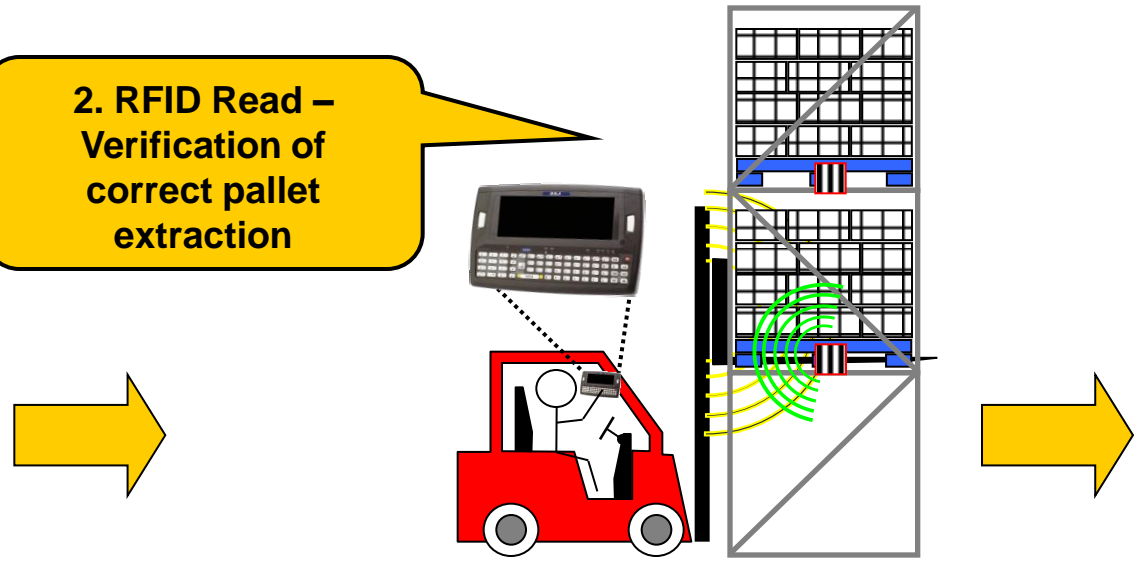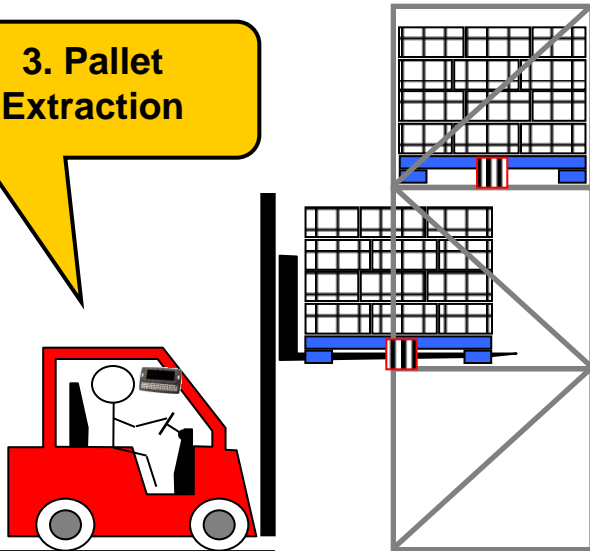5. RFID Interrogation of RFID Storage Rack tag and WMS verification

Pallet Extraction

1. Notification of the required pallet

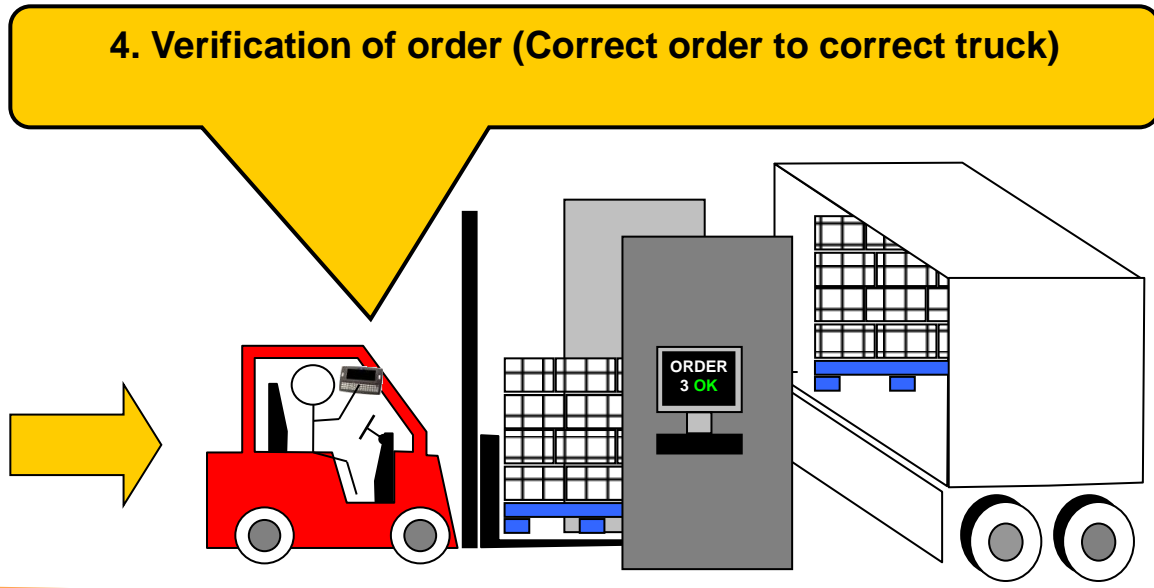**2. RFID Read – Verification of correct pallet extraction**

3. Pallet Extraction

4. Verification of order (Correct order to correct truck)

ORDER 3 OK

Expected Benefits

- Labor effectiveness improvement
- Elimination of wrong products placement on shelves
- Faster products locating
- Faster stock taking
- Fast and accurate order loading
- Loss reduction (shrinkage)
- Traceability
- Reduction of out of stocks
- Better customer service