Order Picking W3-5

Top data objects / stores:
- WMS
- WMS
- Location
- Pick up Confirmation

Main flow (top branch):
- Move to Location
- Scanning pallet ID
- Pick whole pallet

Start / left flow:
- Customer order:
  - EDI-system
  - Webportal
  - Mail
  - Phone
  - etcetera
- Order document
- Release order document
- Get order document
- Pick hand pallet truck
- Scanning Order ID

Associated data:
- Order ID
- Location IDs
- 1. Quantity, Pallet or boxes
- 2. Customer settings (e.g. scan serial number)
- WMS

Gateway: Shall the operator pick a whole pallet or not according to the order line?
- whole pallet
- single boxes

Bottom branch:
- Pick empty pallet
- Move to location
- Scanning Pallet ID
- Pick boxes
- Confirmation pick quantity
- Pallet pick location empty?
  - No / Yes
- Confirm pallet empty on scanner
- Enough boxes for order?
  - Yes / No
- Transport to regroup location

Depending on customer, it can be that serialnumber or batchnumber have to be scanned per box!

Bottom data objects:
- Location — WMS
- Pallet ID — Pick up Confirmation — WMS
- Confirmation pick — WMS
- Empty pallet confirmation — WMS
- Coordinator defines following steps

Right flow:
- Use pallet for next pick?
  - Yes / No
- Is the order fulfilled?
  - Yes / No
- Regroup all products in regroup location
- Add customer settings
- Check quantities
- Quantity correct?
  - Yes / No
- Attach bill of shipment/delivery note
- Attach label with shipment information
- Move pallet(s) to ship location

Right data objects:
- (handwritten on) Order, customer wishes:
  - Foil
  - Height
  - Stack
  - Labels
  - etcetera
- Order document: quantity
- 1. Second operator check
  2. Unpack pallet
  3. Scanner check
  4. Picking location check
  5. Solution to order:
- If it is not known upfront (e.g. because it is picked on box-level) worker notes number of pallets for shipment on customer order and gives information manually to the office!
- 1. External
  2. KLG Big
  3. KLG Small
- Confirm with signature