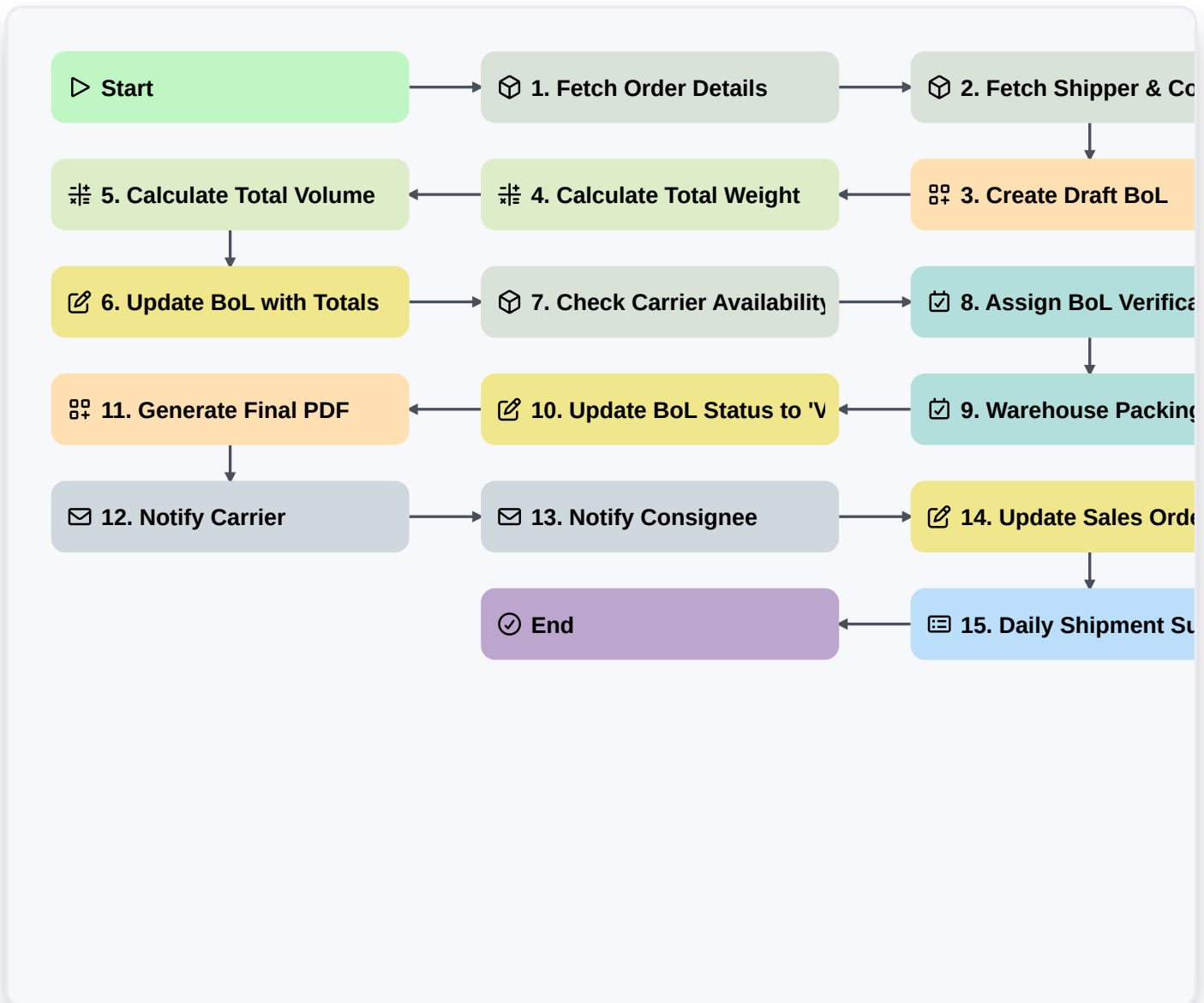


Bill Of Lading (BoL) Generation Workflow



▷ Start

Start of the Workflow/Process.

📦 1. Fetch Order Details

Retrieve shipment details, items, and quantities from the Sales Order data model.

📦 2. Fetch Shipper & Consignee Info

Retrieve address and contact information for both the sender and the receiver.

📄 3. Create Draft BoL

Generate a new entry in the Bill of Lading data model populated with order information.

⚖️ 4. Calculate Total Weight

Sum the weight of all individual line items to determine the total shipment weight.

⚖️ 5. Calculate Total Volume

Calculate the total cubic measurement (CBM) for the shipment based on item dimensions.

✍️ 6. Update BoL with Totals

Write the calculated total weight and volume back into the BoL draft entry.



7. Check Carrier Availability

Verify if the assigned carrier has been confirmed in the Logistics data model.

8. Assign BoL Verification

Create a task for the Logistics Coordinator to review the draft for accuracy.

9. Warehouse Packing Verification

Create a task for the warehouse team to confirm physical goods match the BoL entries.

10. Update BoL Status to 'Verified'

Change the status of the BoL entry to 'Verified' once the checklist is completed.

11. Generate Final PDF

Create a finalized, non-editable version of the BoL document as a data attachment.

12. Notify Carrier

Send the finalized BoL and shipment details to the assigned carrier's email.

13. Notify Consignee

Send an advanced shipping notice (ASN) with the BoL details to the receiver.

14. Update Sales Order Status

Update the original Sales Order entry to 'Ready for Dispatch'.

15. Daily Shipment Summary

Generate a daily report of all BoLs generated and finalized during the shift.

End

End of the Workflow/Process.