

Parcel (CEP)

Parcel carriers (CEP — Courier, Express, Parcel). Special electronic communication with parcel providers. Each HU is one parcel. Consignment and PDD created mid-process at parcel subcontracting step.

VARIANT ID /SAP/Parcel	TOTAL STEPS 13	HU PACKING Mandatory (1 HU = 1 parcel)	PDD TIMING During packing (mid-WH)
CONSIGNMENT At parcel subcontracting		CARRIER Electronic (CEP provider)	

S/4HANA

1	Create Sales Order MANUAL S/4HANA
2	Create Outbound Delivery MANUAL S/4HANA Triggers WarehouseShippingOrderRequest_Out SOAP message to LGM Integration Service.

LGM SYSTEM – AUTOMATIC

3	Logistical Demand created AUTO LGM Integration Service processes the inbound SOAP message.
4	Transportation Request created AUTO Transportation Planning Service creates the TR from the Logistical Demand.
5	Outbound Warehouse Request created AUTO Outbound Process Service creates the OWHR. Warehouse execution can now begin.

WAREHOUSE EXECUTION

6	Create Picking Warehouse Tasks MANUAL Warehouse Supervisor / Operator Manage Outbound WH Activities
7	Confirm Picking Warehouse Tasks MANUAL Warehouse Operative Manage Outbound WH Activities LGM Mobile App
8	Pack Goods into HUs (Packing Work Center) MANUAL Warehouse Operative Packing Work Center Each HU = one parcel. HU packing is mandatory (isHuMandatory=true). Parcel labels are NOT printed here — they are received from the CEP provider in steps 9c–9e.
9	Trigger Parcel Subcontracting (subcontractParcelConsignment) MANUAL Warehouse Operative Packing Work Center User initiates parcel subcontracting from within the Packing Work Center. Kicks off a chain of automatic sub-steps (9a–9e) below.
9a	Consignment created (auto) AUTO Consignment created automatically at parcel subcontracting step.
9b	Package Transportation Requests created (auto) AUTO Package Transportation Requests generated from HU data.
9c	PDD determined / created (auto) AUTO Matching PDD determined at the parcel subcontracting step.
9d	Electronic communication with CEP carrier (auto) AUTO LGM communicates electronically with the external CEP parcel provider. Provider responds asynchronously with parcel label and tracking details.
9e	Print Parcel Label (from CEP carrier) MANUAL Warehouse Operative Packing Work Center Parcel label received from CEP provider is printed. Tracking details also received.
10	Set Staging to Completed MANUAL Warehouse Supervisor / Operator Manage Outbound WH Activities

DOCK & LOADING – PDD APP

11	Register Truck Arrival on PDD MANUAL Warehouse Operator (dock) Manage Pickups and Deliveries app No separate loading step — truck arrival is followed directly by Complete Loading.
12	Complete Loading on PDD MANUAL Warehouse Operator Manage Pickups and Deliveries app
13	Post Goods Issue MANUAL Warehouse Supervisor / Operator Manage Outbound WH Activities LGM sends WarehouseShippingAdvice_In SOAP message back to S/4HANA. S/4HANA updates stock accordingly.

AUTO	System-triggered	MANUAL	User action required	OPTIONAL	Not mandatory	ROLE	Responsible role
APP	Fiori app used						