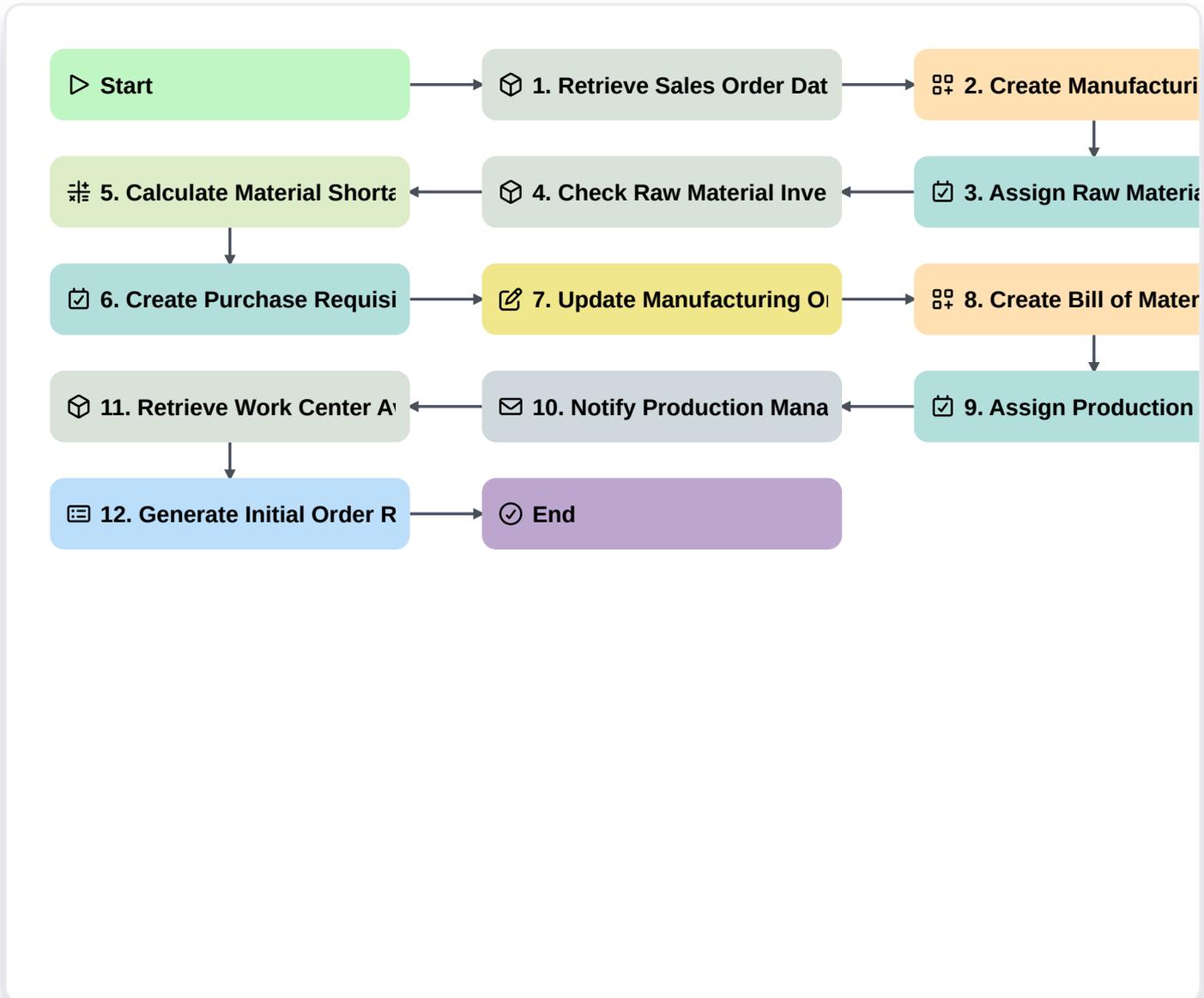


Manufacturing ERP Integration Workflow



▷ Start

Start of the Workflow/Process.

📦 1. Retrieve Sales Order Data from ERP

Fetch sales order details (order number, items, quantities) from the ERP system.

🏭 2. Create Manufacturing Order

Generate a manufacturing order within the Work OS platform based on the sales order data.

📝 3. Assign Raw Material Planning Task

Create a task for the materials planning team to procure necessary raw materials.

📦 4. Check Raw Material Inventory Levels

Retrieve current inventory levels of required raw materials from the ERP system.

📊 5. Calculate Material Shortage

Calculate the shortage of each raw material based on the manufacturing order and inventory levels.

📝 6. Create Purchase Requisition for Shortage

Generate a purchase requisition task if material shortage exists.

7. Update Manufacturing Order Status

Update the status of the manufacturing order to 'Planning'

8. Create Bill of Materials (BOM) Link

Create a link to the BOM record associated with this Manufacturing Order.

9. Assign Production Scheduling Task

Create a task for production scheduling team to schedule the manufacturing order.

10. Notify Production Manager of Order Creation

Send an email to the production manager confirming the manufacturing order.

11. Retrieve Work Center Availability

Fetch work center availability from ERP to assess production capacity.

12. Generate Initial Order Report

Create a preliminary report outlining the manufacturing order details and planned actions.

End

Start of the Workflow/Process.