

Production scheduling and batch planning

This workflow automatically creates optimized production schedules and batch plans based on current orders, inventory levels, and demand forecasts to minimize waste and ensure timely delivery.

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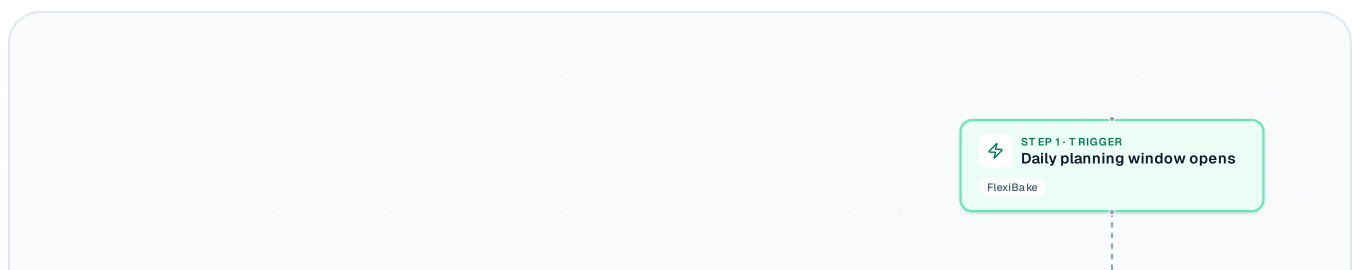


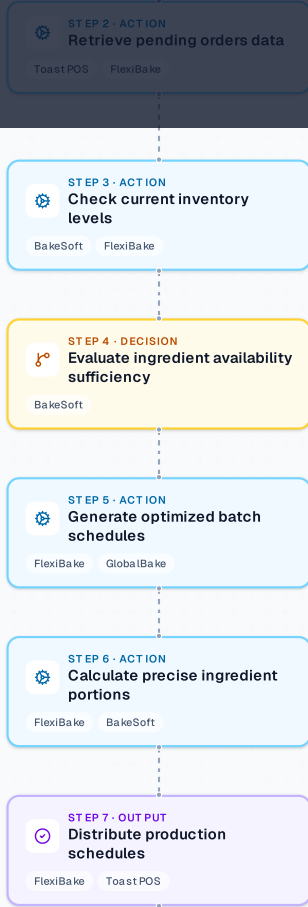
WORKFLOW TRIGGER

Daily production planning window opens (typically 6 AM for next-day production)

Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





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Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Daily planning window opens

The automated scheduling system activates at a predetermined time each day. This triggers the collection of all necessary data for production planning.

2

 ACTION

Retrieve pending orders data

System pulls all confirmed customer orders, catering requests, and standing orders from the POS system. This includes order quantities, delivery dates, and special requirements.

Toast POS

FlexiBake

3

 ACTION

Check current inventory levels

System queries inventory management to assess available ingredients, packaging materials, and finished goods. This data informs production capacity and material constraints.

BakeSoft

FlexiBake

4

 DECISION

Evaluate ingredient availability sufficiency

System determines if current inventory can meet projected production needs. If insufficient, it triggers supplier orders or adjusts production quantities.

BakeSoft

5

 ACTION

Generate optimized batch schedules

AI Business OS

AI algorithm creates production schedules that optimize oven usage, minimize changeover times, and sequence products by shelf life. Considers staff schedules and equipment capacity.

FlexiBake

GlobalBake

6

 ACTION

Calculate precise ingredient portions

System breaks down each batch into exact ingredient requirements and generates prep lists for baking staff. Accounts for recipe scaling and waste reduction.

FlexiBake

BakeSoft

7

 OUTPUT

Distribute production schedules

Finalized schedules and ingredient lists are sent to production staff, ingredient prep teams, and management dashboards. Mobile notifications alert key personnel of any urgent changes.

FlexiBake

Toast POS



Outputs

- Optimized daily production schedule

- Ingredient requirement lists by batch

AI Business OS



Key Metrics

- Production efficiency percentage
- Ingredient waste reduction
- Order fulfillment rate



Tools & Integrations

- FlexiBake
- Toast POS
- BakeSoft
- GlobalBake

AI Business OS

Actionable AI implementation strategies for business leaders ready to transform their operations.

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