

Peak hours capacity planning

This workflow automatically analyzes real-time equipment utilization data and historical peak patterns to optimize machine allocation and staffing across multiple laundromat locations during high-demand periods.

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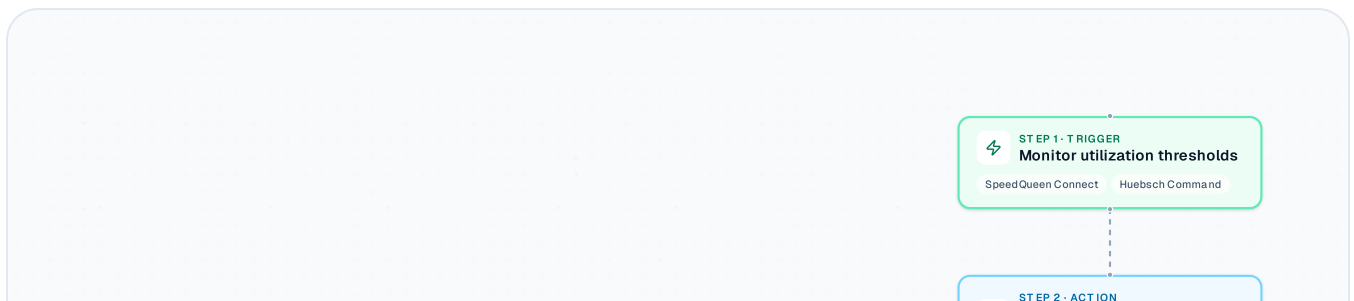
WORKFLOW TRIGGER



Daily capacity analysis scheduled at 6 AM or real-time utilization threshold exceeded (>85% capacity)

Visual Flow

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



Aggregate multi-location usage data
Wash Tracker
Continental Laundry Systems

STEP 3 - ACTION
Calculate demand forecasts
Wash Tracker

STEP 4 - DECISION
Evaluate capacity gaps
SpeedQueen Connect Huebsch Command

STEP 5 - ACTION
Generate rebalancing recommendations
Dexter Connect Wash Tracker

STEP 6 - ACTION
Update pricing and promotions
LaundryPay SpeedQueen Connect

STEP 7 - OUTPUT
Distribute optimization reports
Wash Tracker LaundryPay



Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

Monitor utilization thresholds

System detects high utilization patterns or daily scheduled analysis time is reached. Real-time data from all connected machines is collected.

SpeedQueen Connect

Huebsch Command

2

 ACTION

Aggregate multi-location usage data

Historical usage patterns, current machine status, and customer flow data are compiled from all laundromat locations. Peak hour trends are identified using 30-day rolling averages.

Wash Tracker

Continental Laundry Systems

3

 ACTION

Calculate demand forecasts

AI algorithms predict expected demand for next 24-48 hours based on historical patterns, day of week, weather data, and local events. Machine capacity requirements are calculated per location.

Wash Tracker

4

Evaluate capacity gaps

System determines if predicted demand exceeds available capacity at any location by more than 15%. Branches to either optimization actions or monitoring mode.

SpeedQueen Connect

Huebsch Command

5

 ACTION

Generate rebalancing recommendations

Creates actionable plans for machine allocation adjustments, staffing schedules, and potential customer redirection between nearby locations. Maintenance windows are factored into availability calculations.

Dexter Connect

Wash Tracker

6

 ACTION

Update pricing and promotions

Dynamic pricing adjustments are implemented to encourage off-peak usage and promotional offers are activated at underutilized locations. Customer notifications are prepared.

LaundryPay

SpeedQueen Connect

7

 OUTPUT

Distribute optimization reports

Comprehensive capacity planning reports with specific recommendations are sent to location managers and corporate operations team. Real-time dashboard updates reflect new capacity allocations.



Outputs

- Location-specific capacity optimization reports
- Dynamic pricing adjustments across payment systems
- Staff scheduling recommendations for peak periods



Key Metrics

- Peak hour utilization rate (%)
- Revenue per available machine hour
- Customer wait time reduction (minutes)



Tools & Integrations

- SpeedQueen Connect
- Huebsch Command
- Wash Tracker
- Continental Laundry Systems
- Dexter Connect

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