

Installation scheduling and dispatch

Automatically schedules flooring installation jobs and dispatches qualified crews based on project requirements, crew availability, and geographic proximity. Reduces scheduling conflicts and optimizes resource allocation for maximum efficiency.

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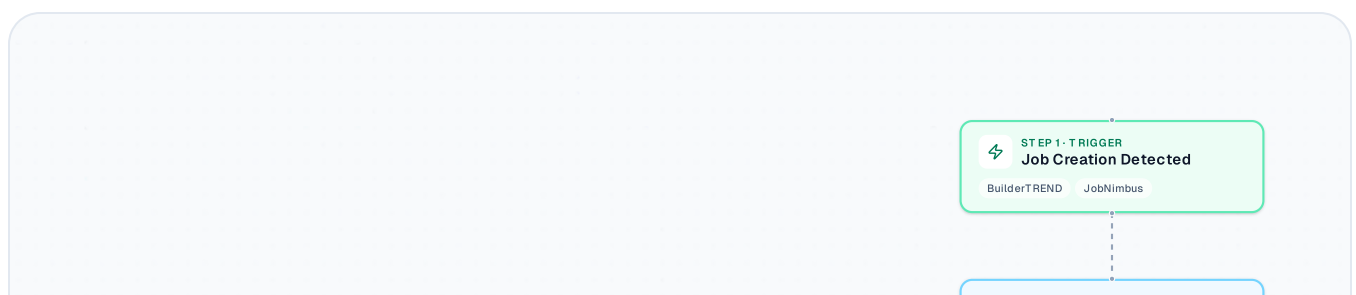


WORKFLOW TRIGGER

New flooring installation job is created or existing job requires rescheduling

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

Job Creation Detected

System detects a new installation job or rescheduling request with project details, location, and material requirements. Job data is extracted from the project management system.

2

 ACTION

Calculate Material Requirements

System uses project measurements and flooring type to calculate exact material quantities needed. Integrates with measurement software for accurate square footage calculations.

Measure Square

FloorRight

3

 ACTION

Check Inventory Availability

System verifies that required materials are in stock at the nearest warehouse or supplier location. Updates material status and delivery requirements for the job.

ProfitDig

ServiceTitan

4

 DECISION

Evaluate Crew Qualifications

System analyzes available crew schedules and matches installers with appropriate skills for the specific flooring type (hardwood, tile, carpet, etc.). Routes to specialized teams based on project complexity.

ServiceTitan

JobNimbus

5

 ACTION

Optimize Route Planning

System calculates optimal crew assignments based on geographic proximity, travel time, and existing scheduled jobs. Minimizes drive time and maximizes daily productivity.

ServiceTitan

BuilderTREND

6

 ACTION

Send Dispatch Notifications

Automated notifications are sent to assigned crews with job details, material lists, and customer information. Customer receives confirmation with estimated arrival time and crew contact details.

JobNimbus

ServiceTitan

7

 OUTPUT

Generate Schedule Confirmation

System produces final installation schedule with crew assignments, material delivery coordination, and customer communication timeline. Updates all connected systems with confirmed scheduling data.

BuilderTREND

ProfitDig



Outputs

- Optimized crew schedule with qualified installer assignments

- Material delivery coordination timeline

AI Business OS

Customer notification with installation details and crew contact information



Key Metrics

- Schedule utilization rate
- Average travel time between jobs
- Customer notification response time



Tools & Integrations

- BuilderTREND
- JobNimbus
- Measure Square
- FloorRight
- ProfitDig
- ServiceTitan

AI Business OS

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

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