

Project scheduling and crew coordination

Automates crew scheduling and coordination when new painting projects are approved, ensuring optimal resource allocation and real-time project tracking. Reduces scheduling conflicts and improves project delivery times through intelligent crew matching and automated notifications.

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WORKFLOW TRIGGER



New painting project is approved and moves to scheduling phase in project management system

Visual Flow

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

STEP 1 - TRIGGER
 Project Approved for



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Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Project Approved for Scheduling

A painting project receives final approval and is ready for crew assignment and scheduling. The system captures project details including location, scope, timeline, and skill requirements.

JobNimbus

BuilderTREND

2

 ACTION

Analyze Crew Availability

System checks current crew schedules, skill sets, and geographic proximity to determine optimal crew assignment. Considers factors like paint type expertise, equipment needs, and travel time.

ServiceTitan

JobNimbus

3

 DECISION

Check Resource Conflicts

Determines if preferred crew has scheduling conflicts or if additional resources are needed. Branches to either direct assignment or conflict resolution workflow.

ServiceTitan

BuilderTREND

4

 ACTION

Assign Crew and Schedule

Automatically assigns optimal crew to project and blocks calendar dates. Updates project timeline and creates task sequences for prep, painting, and cleanup phases.

JobNimbus

ServiceTitan

5

Generate Material Requirements

Calculates paint quantities, supplies, and equipment needed based on project specifications. Creates material pickup schedule aligned with crew availability and project phases.

PaintScout

Estimate Rocket

6

ACTION

Send Coordination Notifications

Automatically notifies assigned crew members, client, and project manager with schedules, addresses, and special instructions. Sets up daily check-in reminders and photo documentation requirements.

ServiceTitan

CompanyCam

7

OUTPUT

Finalize Schedule Documentation

Creates comprehensive project schedule with crew assignments, material delivery dates, and milestone checkpoints. Establishes tracking dashboard for real-time project monitoring.

JobNimbus

BuilderTREND

CompanyCam



Outputs

- Complete crew schedule with assigned painters and timeline
- Material procurement schedule with delivery dates
- Automated client and crew notification system
- Real-time project tracking dashboard



Key Metrics

- Crew utilization rate
- Schedule adherence percentage
- Average time from approval to crew assignment



Tools & Integrations

- JobNimbus
- BuilderTREND
- ServiceTitan
- PaintScout
- Estimate Rocket
- CompanyCam

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