

Quality control inspections and reporting

Automates quality control inspections by triggering photo-based assessments when painting phases complete, routing issues through approval workflows, and generating detailed inspection reports for clients and crews.

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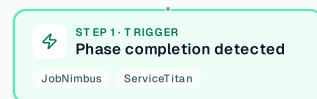


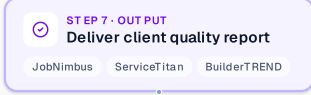
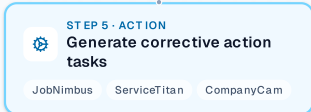
WORKFLOW TRIGGER

Painting phase marked as complete in project management system

Visual Flow

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





Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Phase completion detected

Workflow triggers automatically when a painting phase (prep, primer, finish coat) is marked complete in the project management system. System captures phase details, location, and assigned crew information.

2

 ACTION

Capture inspection photos automatically

System prompts crew lead or supervisor to take standardized photos of completed work using mobile app. Photos are automatically tagged with project details, GPS location, and timestamp.

CompanyCam

PaintScout

3

 ACTION

Run AI quality assessment

AI analyzes uploaded photos against quality standards, checking for coverage consistency, edge work, and surface defects. System generates preliminary quality score and flags potential issues.

PaintScout

CompanyCam

4

 DECISION

Evaluate quality standards compliance

System determines if work meets quality thresholds based on AI analysis and manual checklist completion. Routes to different paths based on pass/fail status.

PaintScout

5

 ACTION

Generate corrective action tasks

For failed inspections, system automatically creates specific rework tasks in project management system and assigns to appropriate crew. Includes photo annotations showing problem areas.

JobNimbus

ServiceTitan

CompanyCam

6

 ACTION

Compile inspection documentation

System generates comprehensive inspection report with before/after photos, quality scores, compliance checklist, and any corrective actions taken. Report includes crew signatures and timestamps.

CompanyCam

JobNimbus

BuilderTREND

7

 OUTPUT

Deliver client quality report

Automated delivery of professional quality inspection report to client via email with photo gallery and quality certifications. Updates project status and schedules next phase if applicable.

JobNimbus

ServiceTitan

BuilderTREND



Outputs

- Quality inspection report with photos

- Rework task assignments

AI Business OS



Key Metrics

- First-pass quality rate
- Average inspection completion time
- Client satisfaction scores



Tools & Integrations

- JobNimbus
- ServiceTitan
- CompanyCam
- PaintScout
- BuilderTREND

AI Business OS

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