

Change order management

Automatically processes construction change orders from initiation through approval, updating project schedules and budgets to prevent cost overruns and delays.

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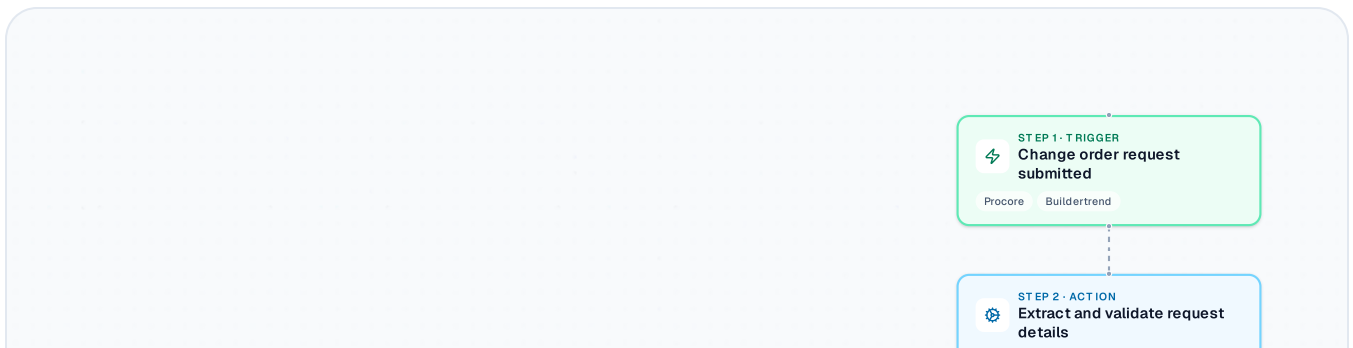


WORKFLOW TRIGGER

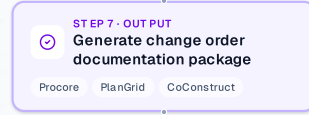
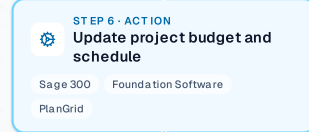
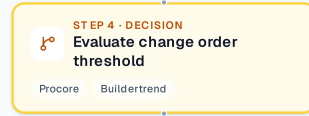
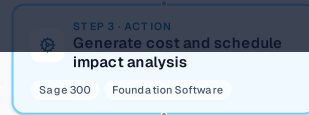
Change order request is submitted in project management system

Visual Flow

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



Procure PlanGrid



Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

Change order request submitted

A project manager, contractor, or client submits a change order request through the project management platform. The request includes scope changes, cost estimates, and timeline impacts.

Procore

Buildertrend

2

 ACTION

Extract and validate request details

System automatically extracts change order details including cost impact, schedule implications, and required materials. Validates completeness of submission and checks for missing documentation.

Procore

PlanGrid

3

 ACTION

Generate cost and schedule impact analysis

AI analyzes the proposed changes against current project budget and timeline using historical data. Calculates material costs, labor hours, and potential schedule delays.

Sage 300

Foundation Software

4

 DECISION

Evaluate change order threshold

System determines approval routing based on change order value and impact level. High-value or critical path changes require senior management approval, while minor changes follow expedited approval.

5

ACTION

Route for stakeholder approvals

Automatically sends change order to appropriate approvers based on threshold rules. Notifies project manager, client, and relevant subcontractors with impact analysis and supporting documentation.

Procore

CoConstruct

6

ACTION

Update project budget and schedule

Upon approval, system automatically updates project budget, timeline, and resource allocation. Adjusts subcontractor schedules and material procurement plans accordingly.

Sage 300

Foundation Software

PlanGrid

7

OUT PUT

Generate change order documentation package

Creates comprehensive change order package including signed approvals, updated project drawings, revised schedules, and cost breakdown. Distributes to all stakeholders and archives for compliance.

Procore

PlanGrid

CoConstruct



Outputs

- Approved change order with cost analysis
- Updated project schedule and budget
- Change order documentation package



Key Metrics

- Change order processing time
- Budget variance percentage
- Approval cycle duration



Tools & Integrations

- Procore
- Buildertrend
- PlanGrid
- Sage 300
- Foundation Software
- CoConstruct

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