

● PURESTEEL CONSTRUCTION INC.

Eight hours of paperwork, reduced to a single click.

How a Dallas steel contractor replaced manual subcontract agreements, change orders, and filing with a suite of approval-driven automations, without giving up control.

A lean team running steel, one project at a time.

PureSteel Construction Inc. is a structural steel contractor based in Dallas, Texas, owner-led and built around a tight network of subcontractors across multiple active projects at once.

The business runs on a small team and on systematized processes: subcontract agreements, client change orders, document filing, and invoicing. Every approval still passes through the owner.

Dallas, TX

HEADQUARTERS & OPERATING REGION

Structural steel

SPECIALTY TRADE

Multiple, concurrent

ACTIVE PROJECTS MANAGED

Owner-approved

EVERY DOCUMENT, EVERY TIME

Every agreement was built by hand.

Before automation, the back office absorbed hours of repetitive work for every job and every change.

Manual documents

Subcontract agreements and change orders prepared one at a time in Word or PDF.

Chasing approvals

Emailing and phoning subs and clients, then tracking who had signed and who hadn't.

Hand-filing

Saving completed, signed documents into the right project folder by hand.

No single source

Project, client, and contact details scattered across spreadsheets, re-entered on every document instead of looked up once.

The work got done, but it scaled with hours, not systems.

Observe once. Automate once. Keep the owner in control.

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- 01** **Owner stays in control** No document reaches a client or subcontractor without the owner's explicit signoff. Approvals happen with a single click in email.
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- 02** **One source of truth** Google Sheets drive every lookup. Add a client or PO once; every workflow sees it. No duplicated data in forms.
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- 03** **Modular workflows** Document generation and file storage are always separate, swappable building blocks, easy to maintain and extend.
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The full subcontract workflow, automated.

The owner submits one form. The system generates a fully populated agreement, routes it for signature, and files the signed copy automatically.

1

Submit

The owner fills a custom form with the new subcontractor's job details.

2

Generate

n8n populates the agreement template, pulling client and project names from across your spreadsheets.

3

Approve

DocuSeal sends the owner an automated signature request. He reviews it, signs, and only then does it move forward.

4

E-sign

DocuSeal routes the executed agreement to one or more subcontractors on the job for their signature.

5

File

The signed PDF is auto-filed into the correct Shared Drive project folder.

The result: hours of manual document prep eliminated. The owner's signature is always first in the chain, built into the workflow rather than left to follow-up.

The full change-order lifecycle, handled.

One form triggers the full workflow. Smart routing decides who signs, then e-signature and filing happen on their own.

BEFORE

Fully manual

- Prepare CO documents by hand
- Email and call for approvals
- Track signature status manually
- File completed documents by hand

AFTER

One form, three smart paths

SUBCONTRACTOR ONLY

Sub signs

CLIENT ONLY

Supervisor approves or declines, then signs

BOTH

Routed to sub and client supervisor



APPROVE OR DECLINE
BY EMAIL

Auto-filed on completion

Best-in-class tools, wired together.

Best-in-class tools, wired together. Yours to own and operate, or kept running by JMG.



n8n Cloud

Workflow automation engine



Netlify

Custom forms & serverless backend



Google Workspace

Gmail, Sheets & Shared Drive



DocuSeal

E-signature collection



QuickBooks Online

Estimates & invoicing



Cloudinary

Document template hosting



Gemini API

AI-assisted document formatting



Claude Code

AI-assisted build & maintenance

JMG.

Operations that quietly do their job.

Let's find the eight hours hiding in your back office.