

Build AI agents that **grow revenue and cut costs** for construction companies.

Learn how to deploy an agent workforce you can trust to work in your construction business, and measure the ROI.

Metacto designs governed, high-precision AI agents built exclusively for heavy civil and commercial builders, wrapping critical operations in secure human-in-the-loop guardrails.

CONSTRUCTION AGENT ROSTER

● 4 RUNNING

Change-Order Writer

CO #047

\$18,400 · +3 Days

3 sources cited

awaiting PM

writes back · project system

Bid Desk

Assembling Bid · Tower 5 ft-out

ACTIVE

Submittal Clerk

Tracking 14 submittals · 3 overdue

3 OVERDUE

RFI Responder

Drafting RFI-112 · spec 03 30 00

CITED

CASE STUDY RESULTS · P.3

\$1.2M /yr

margin capacity created

96%

approved in review

11

agent workflows live



SEE IT RUN

\$18,400 caught automatically, cited, and approved by your PM.

EXAMPLE AGENT

One agent, one daily-log entry, one morning. Five tags mark the standards of safe execution: human oversight, verifiable proof, and automatic record write-back.

CHANGE ORDER AGENT • JOB 214

STEP 1: TRIGGER IDENTIFIED

Daily log • Procore • 9/14 • Job 214: "Had to hand-dig storm drain tie-in due to unmarked utility..."

STEP 2: AGENT DRAFTS PROPOSAL

CO #047 • EXTRA EXCAVATION AND UTILITY TIE-IN

Excavation Subcontractor Support\$6,200 [Cited daily log]

Pipe & fittings (3\" Schedule 40)\$8,400 [Cited invoice 9081]

Labor crew hours adjustment\$3,800 [Cited rate sheet]

Total Estimated Cost\$18,400

STEP 3: PM'S EXPLICIT APPROVAL

Approve ✓

awaiting PM review

STEP 4: WRITE-BACK TO PROCORE

written back

Created CO #047 in Project Management Module

EXCEPTION (IF TRIGGERED)

"No grounded unit price found in schedule of values? The draft is held, and flagged in review dashboard."

every line cited

system of record

human in the loop

ROI you can measure

asks, never guesses

Inside the full blueprint

P.3

How AI created \$1.2M/yr in construction payroll

P.5

An 18-agent workforce, mapped to your company

P.9

Score your AI readiness: 5 factors, 25 points

>>>

PROOF

Measured in production inside a construction payroll-compliance platform.

National construction-payroll compliance platform · Core analyst pool in the production Copilot · 11 governed agent workflows live.

\$1.2M /yr

Annual margin capacity unlocked

Annualized · measured basis

96%

Agent outputs approved

Measured

11

Governed workflows live

Fact



COMPLIANCE-COPILOT.APP/REVIEW

ACTIVE REVIEW

→ Wage Anomalies (12)

Briefings Log

AGENTS SECTION

- WD Watcher
- CPR Ingest
- Risk Scoring
- Violation Triage

1,284 runs

96% approved

37 flagged

Prevailing-wage mismatch · \$2,847 shortfall

HIGH RISK

Anomaly · Overtime spike outside log boundaries

MEDIUM

Restitution drafted · Awaiting PM approval

APPROVE

"I trust the system because I can check the system. Every calculated number links directly back to the original source daily logs or rate sheets inside our document management platform."

· VICE PRESIDENT OF FINANCE, HEAVY INDUSTRIAL BUILDER

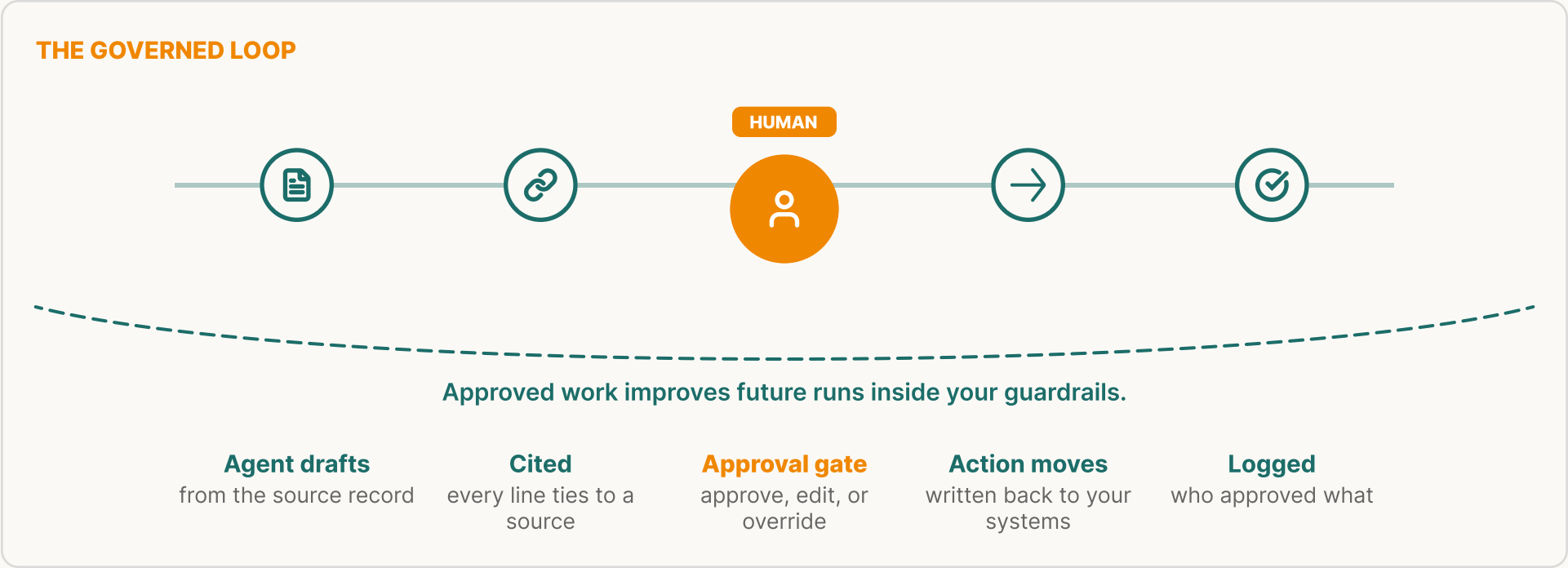
The \$1.2M metric represents real hours recovered and operational margins protected. High-frequency administrative leakages are solved inside the 96% approved loop, translating to **1.67× output per analyst** and giving **16 hours back** to senior superintendents weekly.



Drafted by an agent.

Decided by your team.

Agents earn trust while you use them, and approved work improves future runs. Every Metacto agent runs the same governed loop, ensuring absolute visibility over every source, calculation, and system write-back.



One change order, fully accounted for

- 6:42 AM | Field change logged in Procore
- 6:47 AM | Agent drafts CO #047, citations attached
- 10:42 AM | PM edits & approves (human decision)
- 10:42 AM | Written back to ERP / Project system
- 10:43 AM | Immutable audit entry logged to secure database

The controls, as your team sees them

- PERMISSIONS
Signed in: Project Manager · Job 214 only
- CITATION
\$6,200 → daily log 9/14 · SOV 02 41 00
- EXCEPTION
⚠ Unit price not found · draft held for review
- AUDIT
J. Smith edited crew duration · approved 10:42 AM



Your operating model, turned into a governed agent workforce.

Built around the work your company already does, and the people who already own it. Your PMs, estimators, and controllers keep every decision; specialized agents prepare the work, route it to your team, and carry approved records into the next workflow.

- Daily log**
Job 214 · 9/14 · flags a scope change the moment it is written down
- Change-Order Writer**
drafts CO #047 · \$18,400 · every line cited → your PM's queue
- PM review**
approve, edit, or reject · each action logged → approved
- Job-Cost Watcher**
updates the Job 214 forecast with the approved scope → project system
- Pay App Preparer**
stages the approved billing line → pay app #6

Your team's queue

3 waiting

CO #047 · storm drain tie-in	AWAITING PM
RFI-112 · spec 03 30 00	CITED · READY
Pay App #6 · \$412,800	MISSING LIEN WAIVER

MORE AGENTS BUILT AROUND YOUR WORKFLOWS:

Bid Desk

Submittal Clerk

RFI Responder

Closeout Coordinator

Payroll Compliance

COI Tracker

Lien Waiver Tracker

Punch List Coordinator

Daily Log Monitor

Permit & Inspection Tracker

T&M Ticket Tracker

Backcharge Tracker

Equipment Rental Tracker

Warranty Tracker

Safety Report Compiler

Every agent is designed to protect one of four construction pillars: Margin (accuracy), Schedule (velocity), Cash (flow), or Risk (governance).



Agents work inside the systems you already run.

Designed around the software you already run: your team on top, governed intelligence in the middle, your systems of record at the base.

1

Human Interface

your team

PM queue · **analyst queue** · approve, edit, or override agent output before any system write-back occurs.

DRAFTS STAGED FOR REVIEW ▲ / ▼ APPROVALS & EDITS COME BACK

2

Intelligence

specialized agents

Agents draft & prepare · grounded calculations based on your specific SOPs and cited record data.

AGENTS RUN ON GOVERNED CONTEXT ▲ / ▼ APPROVED WORK COMPOUNDS THE CONTEXT

3

Context

your operating knowledge

Connected records · the logic of your business, roles, permissions, and exception thresholds.

READS THE SOURCE RECORDS ▲ / ▼ WRITES APPROVED RESULTS BACK · AUDIT LOGGED

4

Systems of Record

your software

ERP · **PMS** · **VDC** · daily logs, drawings, SOV, cost data, specs, contracts, and schedule.

CONNECTED PLATFORMS:

Procore

Autodesk Build

Fieldwire

Buildertrend

Sage 300 CRE

Trimble Viewpoint

CMiC

QuickBooks

Bluebeam

DocuSign

SharePoint

Egnyte

NEXT

How Metacto builds and operates it >



How Metacto builds and operates it.

Metacto maps, designs, builds, integrates, and operates custom agent workflows. Four stages, one accountable path.



01

Opportunity Mapping

A ranked workflow map, your measured baseline, and a build or no-build call before budget commits.

3 WEEKS



02

Context Engineering

Connected records, rules, permissions, and an exception model tailored to your team's SOPs.

BUILD • FIRST 30 DAYS



03

Agent & Workflow Build

A working review queue, the specialized agent, and write-back integration, tested on real work.

FIRST AGENT LIVE BY DAY 60



Continuous AI Operations

An adoption, quality, cost, and impact dashboard; approved work compounds into better runs.

ONGOING • MONTHLY VALUE REVIEWS

All phase durations are cumulative from project start.

Standard path: We start with one core high-impact workflow (e.g., Change Order writing or Submittal Tracking) to prove the governance loop before scaling the workforce.

NEXT

[The value model: what funds the build >](#)



Your number gets built before you commit budget.

Change-order opportunity · your inputs		Worked example	ILLUSTRATIVE
Field changes per year across active jobs	[_____]	Field changes per year mid-market GC, active jobs	240
Avg late-priced scope \$ per change	[_____]	Avg late-priced scope \$ per change	\$8,500
Recoverable share vs. your baseline	[_____]	Recoverable share captured while priceable	18%
PM hours recovered × loaded labor cost	[_____]	PM hours recovered 720 hrs × \$85 loaded	\$61,200
Estimated annual opportunity:	\$ _____	Estimated annual opportunity: ≈ \$428K / YR	



Score your AI readiness.

Business impact	margin, schedule, cash, or risk moves on every job	/ 5
Workflow repeatability	recurs on every job	/ 5
Source readiness	records exist in systems	/ 5
Approval clarity	one owner who signs off	/ 5
Implementation path	clean destination system	/ 5

TOTAL SCORE: _____ / 25

21-25: READY TO MAP

Bring it to Opportunity Mapping

15-20: NEEDS DISCOVERY

Worth mapping workflow logic

< 15: PREPARE FIRST

Line up digital records first

Your Construction AI starts here.

Ready to map your first workflow? Let's identify the operational friction points where governed AI agents can unlock your team's capacity.

MAP MY FIRST AGENT