

Agentic AI in Print: Live Demo

Guardrails & Pilot Planning



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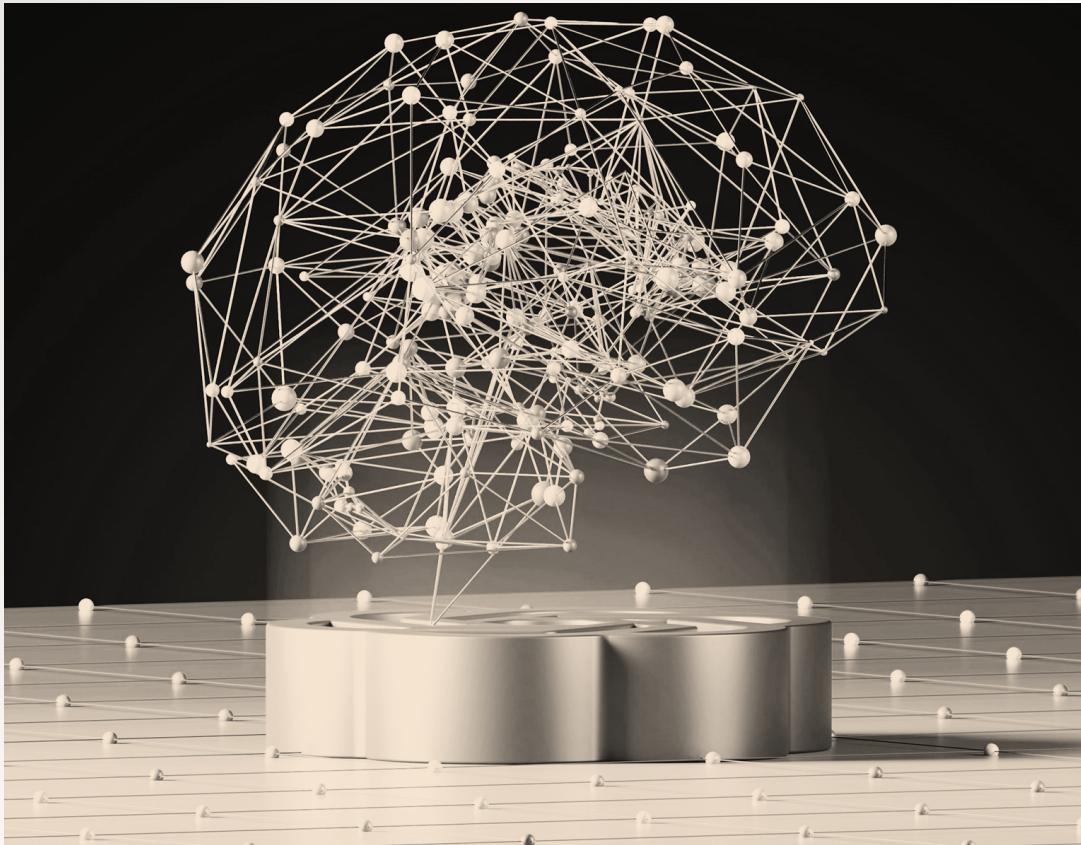
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Agentic AI in Print Workflows: Live Demo, Guardrails, and Pilot Planning



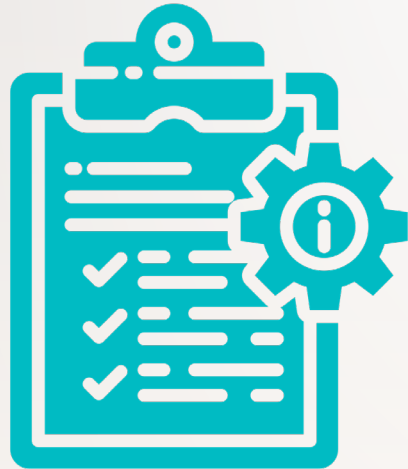
- **Live Demo**
 - *Structured data – Estimating*
 - *Unstructured data – Client emails*
- **Guardrails – Safety first**
- **Five step pilot plan**
- **Q&A**

AGENTIC AI



- AI configured for a specific role, not a chat-based “generalist”
- Works from a defined set of documents and data
- Performs repeatable tasks for your team
- Behaves like a junior staff member

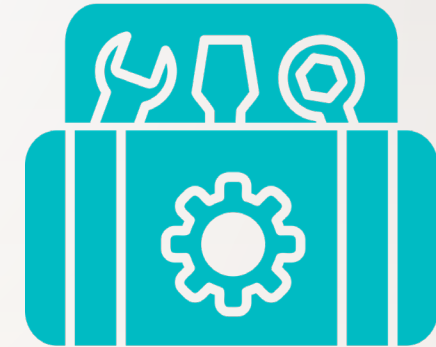
AGENTIC AI: COMPONENTS



**Instructions
/ System Prompts**

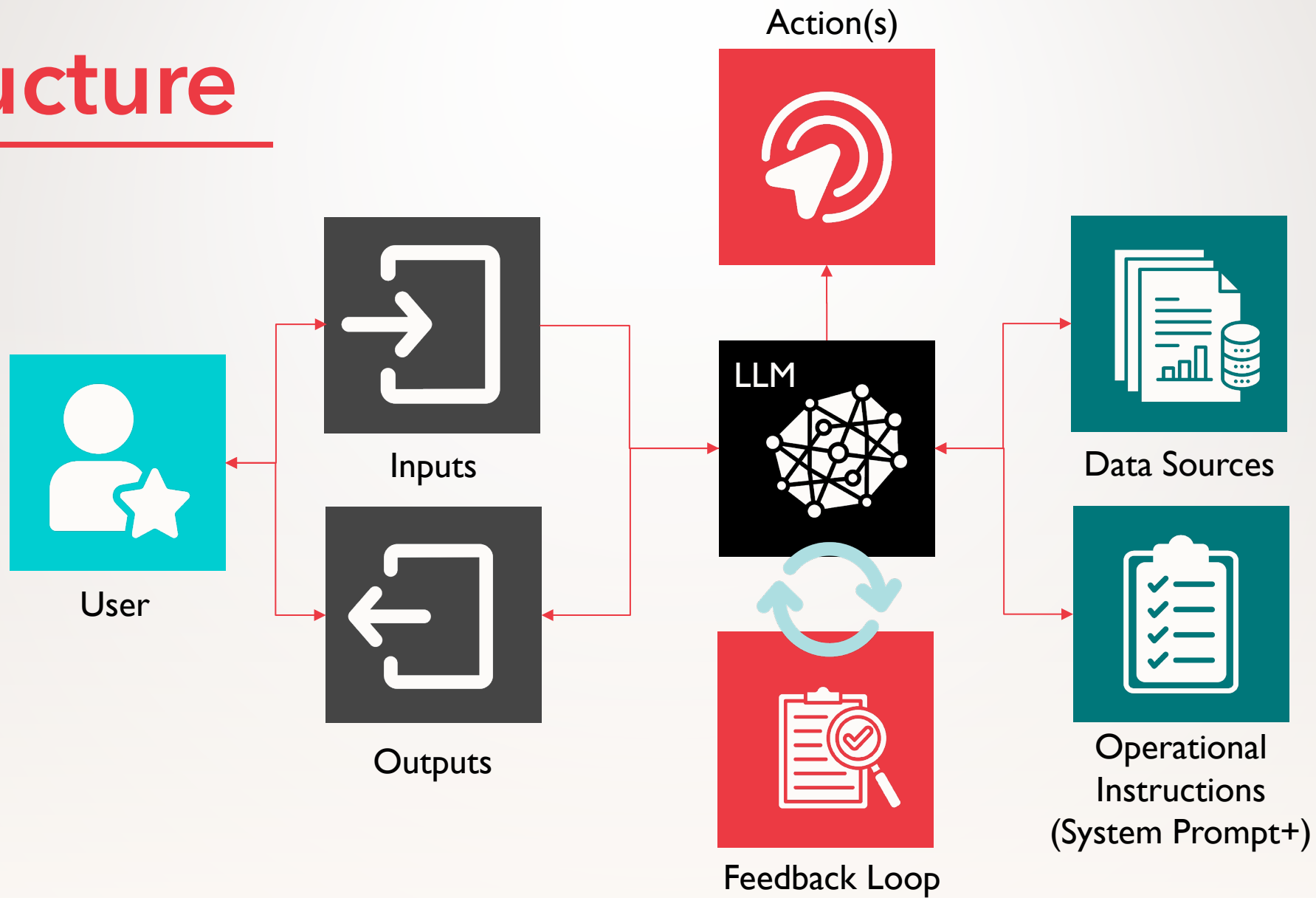


**Knowledge
/ Context**



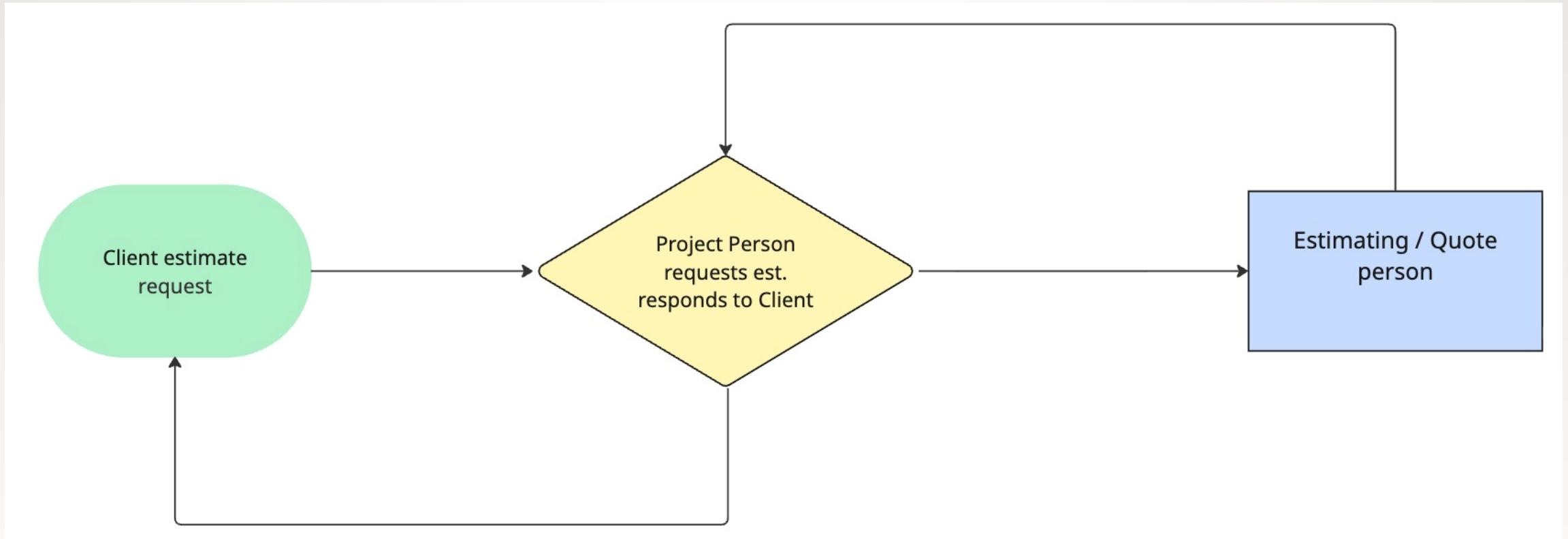
**Tools
/ Capabilities**

Structure



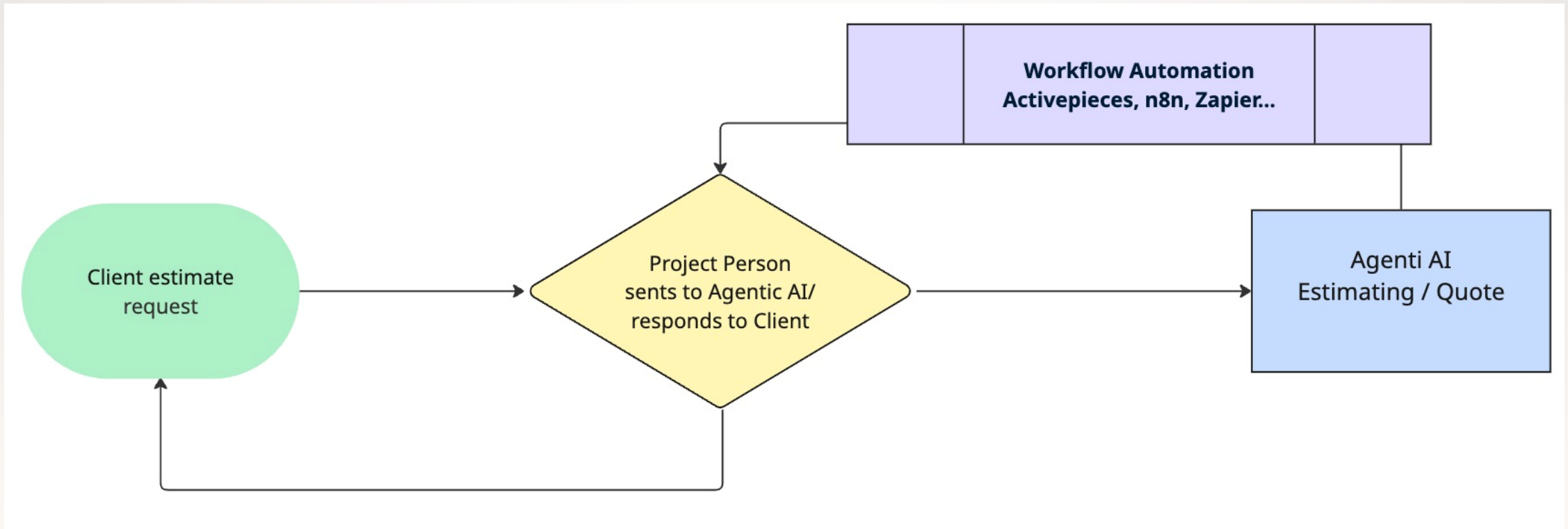
Agentic AI in Print Workflows: Live Demo, Guardrails, and Pilot Planning

Structured Data - simple estimate workflow



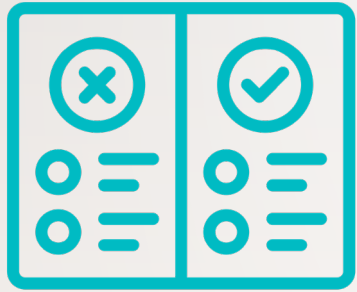
Agentic AI in Print Workflows: Live Demo, Guardrails, and Pilot Planning

Structured Data –AI-ified simple estimate workflow





Knowledge Sources



**Production
Rules**



**Stock Specs
and Cost**



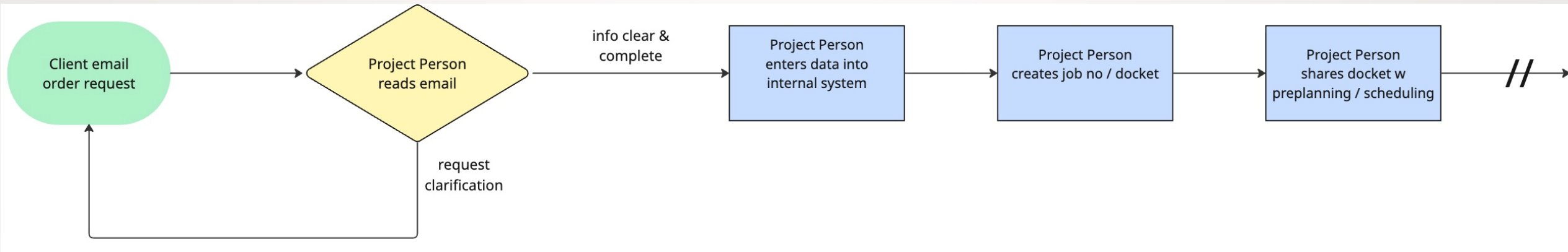
**Production
Costs**



**Bindery
/ Finishing
Costs**

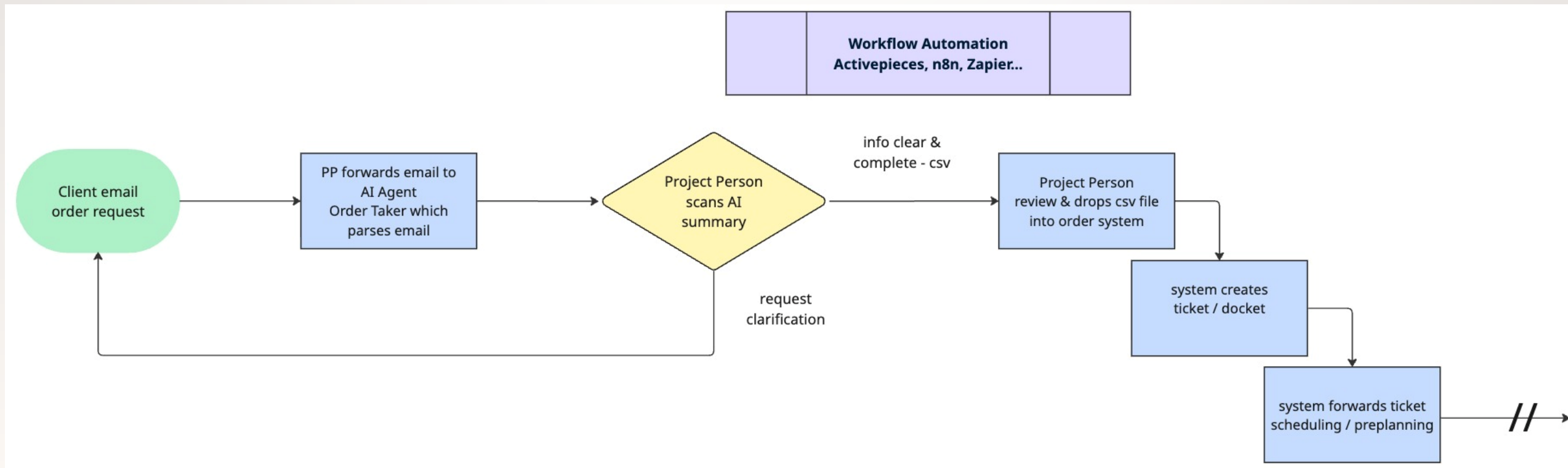
Agentic AI in Print Workflows: Live Demo, Guardrails, and Pilot Planning

- Un-structured data - simplified order entry workflow



Agentic AI in Print Workflows: Live Demo, Guardrails, and Pilot Planning

- Un-structured data - AI-ified simplified order entry workflow



• Sovereign Canadian AI Infrastructure

Your team wastes 10+ hours a week on work *AI should handle*

We'll prove it in 60 days. On **your server**, with **your data**, on **Canadian infrastructure**. No vendor lock-in. No per-user fees. Just tools you actually own.

Start a 60-Day Experiment →

See What You Get

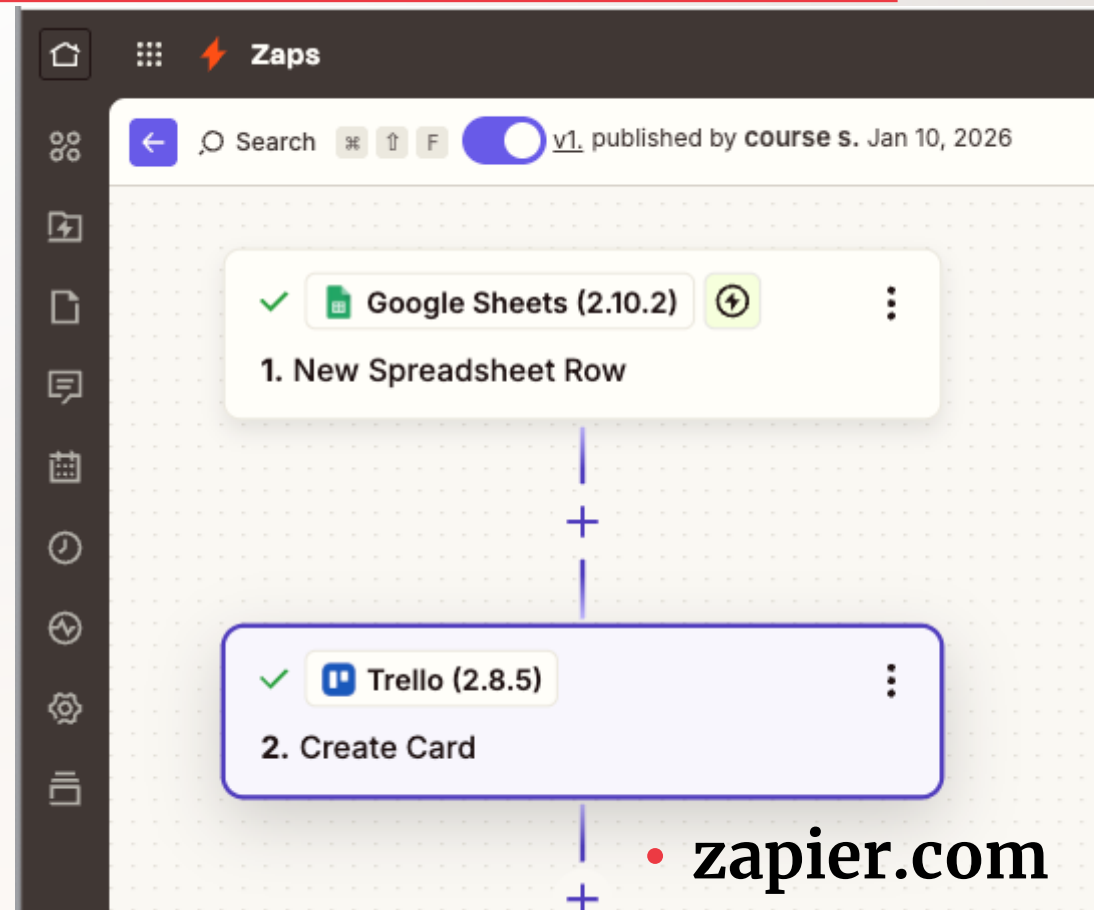
Canadian-hosted servers

ISO / SOC II / GDPR compliant

Non-training AI endpoints

Agentic AI in Print Workflows: Live Demo, Guardrails, and Pilot Planning

- **Workflow integration**
AI agent is configured to create a row in a spreadsheet.
- **Spreadsheet is 'watched' by an automation tool**
- **New card or task is automatically created in PM tool, with notifications...**





AGENTIC AI IN PRINT WORKFLOWS: GUARDRAILS

Human-in-the-Loop (HITL): Requiring a human to confirm critical actions, such as sending emails, deleting data, or authorizing external API calls.

Tool Usage Permissions: Restricting the tools an agent can access (e.g., stopping a planner agent from having access to a web browsing tool).

Audit Logging: Maintaining a complete trace of reasoning steps and actions for debugging and regulatory compliance.

Temporal & Frequency Guardrails: Limiting how often an action can be taken or enforcing time-based rules, such as preventing a cancellation tool from working outside a 48-hour window.

Action & Transaction Limits: Preventing an AI from transferring money, purchasing items over a specified threshold less than \$100 without direct human approval.

Input & Prompt Validation: Filtering user inputs to detect jailbreaking attempts, prompt injections, or malicious code designed to manipulate the agent.

Context/Domain Constraints: Limiting the agent to specific topics, such as blocking a HR agent from discussing sports or legal matters outside of company policies.

PII & Data Masking: Redacting personally identifiable information (PII) or blocking access to confidential files before the AI can see or process them.

AGENTIC AI IN PRINT WORKFLOWS: PILOT PLANNING

1) Before starting – define "Correct"

- **Collection of emails**
 - 10 "Easy" (Clear specs, PDF attached)
 - 10 "Messy" (Missing info, vague)
 - 10 "Noise" (junk, ooo, "Thank you")
- **Next:** fill out your table or spreadsheet for these 30 emails — this is the benchmark for the 'Agent'

2) Architecture – low cost and easy integration

- **Pick an AI:** Use one with a high token limit
- **Triggers:** Use **Zapier** or **Activepieces** to monitor your email account
- **Knowledge and prompt building:** build up the agent with examples of your emails

AGENTIC AI IN PRINT WORKFLOWS: PILOT PLANNING

3) 'Alpha'

- Don't have this client-facing, but the Agent needs a place to "show its work"
- Automation software connects the Agent's output to a **Google Sheet**
- Email Agent reads (parses) it
 - Agent creates a new row in spreadsheet with the extracted info
 - A+ option, have the Agent determine a "Confidence Score" in their work

4) 'Beta' - shadowing

- Run the Agent in the background of actual daily operations, with one or a small group of project people
- A job gets entered manually, check compared to the results the Agent posted to the google sheet, as well as their confidence score
- Set up a toggle so the person selects a "Correct" or "Incorrect"

AGENTIC AI IN PRINT WORKFLOWS: PILOT PLANNING

4) 'Beta' - shadowing (continued)

- Don't change prompts on a case-by case basis - wait for enough data, and then make an 'iteration'
- Sometimes a change can fix one thing, but other stops working...

5) Live-

- Refine the Agent to handle incomplete orders...
- If the Agent detects a **low confidence score** (missing quantity or paper stock), it should raise an 'alert' with a project person
- At this point, people should only be "auditing" rather than "entering" data

AGENTIC AI IN PRINT WORKFLOWS: PILOT PLANNING

Again, guardrails

- consider potentially sensitive client data
- have your AI and related tools based on CDN sovereign IT platforms...

HIRING IN ONTARIO IS CHANGING, ARE YOU READY?



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